



## Systemverkabelung - 2014 System Cabling - 2014

Projektierungs-Cross-Liste

Project Cross Reference List

Ein großer Teil der Kosten eines Automatisierungssystems resultiert aus der Verkabelung für die Stell- und Meldegeräte. Hinzu kommt, dass Maschinen und Anlagen immer komplexer werden und damit der Verkabelungsaufwand für die Ein- und Ausgabestationen weiter steigt. Zum Materialaufwand an Kabel und Leitungen kommt der Aufwand für die Planung, die Montage und Dokumentation noch hinzu.

Die Systemverkabelung reduziert die Herstellkosten durch schnelle, fehlerfreie und einheitliche I/O Verdrahtung von der Steuerungs- zur Feldebene.

Der Systemaufbau besteht aus den Komponenten:

- Frontadapter
- Systemkabel
- Anschaltmodul

Die Systemverkabelung ist verfügbar für SPSen von:

A large part of the costs of an automation system result from the cabling of the actuators and sensors. In addition to this, machines and systems are becoming more complex and the cabling effort of the input and output elements continue to increase.

Together with the material requirement in cable and connections, comes the effort for the planning, assembly and documentation.

The System Cabling reduces the manufacturing costs due to its quick, error-free and uniform I/O cabling from the control to the field level.

The System layout consists of these three components:

- Front Adapter
- System Cable
- Termination Module

The PLC System Cabling is available for the PLCs from:

|   |    |
|---|----|
| • Allen-Bradley .....   | 4  |
| • GE-Fanuc .....  | 12 |
| • Honeywell .....   | 14 |
| • MITSUBISHI .....  | 16 |
| • OMRON .....   | 18 |
| • Phoenix Contact .....   | 24 |
| • Schneider Electric .....  | 26 |
| • SIEMENS .....   | 30 |
| • Adapter mit Systemkabel /<br>Adapter with integrated system cable ..... | 50 |
| • System Cable .....  | 51 |
| • Adapter PLC-V8 .....  | 56 |

Mit der **Projektierungs-Cross-Liste** sind die Vorteile des Systemkonzepts schon für den Planer nutzbar.

Ausgehend von der verwendeten SPS wird die zugehörige Cross-Liste zu Grunde gelegt. Nach Auswahl der I/O Anschlusskarte werden die erforderlichen Systemverkabelungskomponenten eindeutig spezifiziert. Die Anschaltmodule sind in die Über-

gabe von 8 und 32 Kanälen mit jeweils passiven und aktiven Modulen gruppiert und werden passgenau auf die Applikation ausgewählt.

**Hinweis:**

Beschreibung, technische Daten und Anschlussbelegung der Systemverkabelungskomponenten finden Sie im Phoenix Contact-Katalog 7-2013.

With this **Project Cross-Reference List** the advantages of the system concept are available and of benefit to the Project Engineer.

The reference table is based on the PLC used and provides the reference of available modules. After selection of the PLC I/O card, the required System Cabling components are clearly specified. The termination modules are grouped in either

8 and 32 channels into passive and active modules and are selected according to the application.

**Important:**

Description, technical data and connection - layout of the System Cabling components can be found in the Phoenix Contact catalog 7-2013.







Bezeichnung / Description

Katalog 7-2013  
 Catalog 7-2013

Bestellnr. /  
 Order No.

323-1BL00-0AAB0  
 326-1BK02-0AB0 3)  
 326-1RF00-0AB0 3)  
 326-2BF01-0AB0 3)  
 326-2BF10-0AB0 3)  
 331-1KF01-0AB0  
 331-7HF01-0AB0  
 331-7KB02-0AB0  
 331-7NF00-0AB0  
 331-7NF10-0AB0  
 331-7PF01-0AB0  
 331-7PF11-0AB0  
 331-7TF01-0AB0  
 332-5HD01-0AB0  
 332-5HB01-0AB0  
 332-5HF00-0AB0  
 332-7ND02-0AB0  
 332-8TF01-0AB0

**32 Kanäle / 32 channels**

|                               |                                    | Katalog 7-2013<br>Catalog 7-2013 | Seite/page 50 |         |  |  |   |   |   |  |   |   |   |   |  |  |  |  |  |  |  |
|-------------------------------|------------------------------------|----------------------------------|---------------|---------|--|--|---|---|---|--|---|---|---|---|--|--|--|--|--|--|--|
| passiv / passive              | VIP-PA-FLK50/...M/S7 <sup>1)</sup> | 448                              | Seite/page 50 |         |  |  |   |   | X |  |   |   |   |   |  |  |  |  |  |  |  |
|                               | CABLE-FCN40/1X50/.../S7-OUT        | 453                              | Seite/page 51 |         |  |  |   |   | X |  |   |   |   |   |  |  |  |  |  |  |  |
|                               | CABLE-FCN40/1X50/.../S7-IN         | 453                              | Seite/page 51 |         |  |  |   |   | X |  |   |   |   |   |  |  |  |  |  |  |  |
|                               | VIP-2/SC/FLK50/PLC                 | 471                              | 2315227       |         |  |  |   | X |   |  |   |   |   |   |  |  |  |  |  |  |  |
|                               | VIP-2/PT/FLK50/PLC                 | 471                              | 2903803       |         |  |  |   | X |   |  |   |   |   |   |  |  |  |  |  |  |  |
|                               | VIP-2/SC/FLK50/LED/PLC             | 471                              | 2322252       |         |  |  |   | X |   |  |   |   |   |   |  |  |  |  |  |  |  |
|                               | VIP-2/PT/FLK50/LED/PLC             | 471                              | 2904280       |         |  |  |   | X |   |  |   |   |   |   |  |  |  |  |  |  |  |
|                               | FLKM 50/32M/PLC                    | 477                              | 2289719       |         |  |  |   | X |   |  |   |   |   |   |  |  |  |  |  |  |  |
|                               | FLKM 50/32P/PLC                    | 477                              | 2291121       |         |  |  |   | X |   |  |   |   |   |   |  |  |  |  |  |  |  |
|                               | FLKMS 50/32IM/PLC                  | 480                              | 2284523       |         |  |  |   | X |   |  |   |   |   |   |  |  |  |  |  |  |  |
|                               | FLKMS 50/32IM/LA/PLC               | 480                              | 2284510       |         |  |  |   | X |   |  |   |   |   |   |  |  |  |  |  |  |  |
|                               | aktiv / active                     | FLKMS 50/32IM/ZFKDS/PLC          | 480           | 2901389 |  |  |   |   | X |  |   |   |   |   |  |  |  |  |  |  |  |
| FLKM 50/KDS 3-MT/PPA/PLC      |                                    | 482                              | 2290614       |         |  |  |   | X |   |  |   |   |   |   |  |  |  |  |  |  |  |
| FLKM50/32M/SI/PLC             |                                    | 478                              | 2294490       |         |  |  |   | X |   |  |   |   |   |   |  |  |  |  |  |  |  |
| VIP-2/SC/FLK50 (1-40) /S7     |                                    | 472                              | 2315243       |         |  |  |   | X |   |  |   |   |   |   |  |  |  |  |  |  |  |
| VIP-2/PT/FLK50 (1-40) /S7     |                                    | 472                              | 2903804       |         |  |  |   | X |   |  |   |   |   |   |  |  |  |  |  |  |  |
| FLKM 50/KDS3-MT/PPA/S7-300    |                                    | 482                              | 2304490       |         |  |  |   | X |   |  | X | X | X | X |  |  |  |  |  |  |  |
| UMK-32RM/MR-G24/1/PLC         |                                    | 492                              | 2979472       |         |  |  |   | X |   |  |   |   |   |   |  |  |  |  |  |  |  |
| UM-32RM/RT-G24/21/PLC         |                                    | 493                              | 2968373       |         |  |  |   | X |   |  |   |   |   |   |  |  |  |  |  |  |  |
| UMK-16RM/KSR-G24/21/PLC       |                                    | 495                              | 2979498       |         |  |  |   | X |   |  |   |   |   |   |  |  |  |  |  |  |  |
| UMK-16RM/KSR-G24/21/E/PLC     |                                    | 495                              | 2979508       |         |  |  |   | X |   |  |   |   |   |   |  |  |  |  |  |  |  |
| UM-16RELS/KSR-G24/21/MT/PLC   |                                    | 497                              | 2962382       |         |  |  |   | X |   |  |   |   |   |   |  |  |  |  |  |  |  |
| UM-16RELS/KSR-G24/21/E/MT/PLC |                                    | 497                              | 2962379       |         |  |  |   | X |   |  |   |   |   |   |  |  |  |  |  |  |  |
| UM 32RM/KSR-G24/21/MS/PLC     | 498                                | 2900891                          |               |         |  |  | X |   |   |  |   |   |   |   |  |  |  |  |  |  |  |

**8 Kanäle / 8 channels**

|                             |                                      | Katalog 7-2013<br>Catalog 7-2013 | Seite/page 50 |         |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------|--------------------------------------|----------------------------------|---------------|---------|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| passiv / passive            | VIP-PA-FLK14/...M/S7 <sup>1)</sup>   | 449                              | Seite/page 50 |         |  |  |   |   | X | X | X |   |   |   |   | X | X |   |   | X | X |
|                             | VIP-PA-FLK4X14/...M/S7 <sup>1)</sup> | 449                              | Seite/page 50 |         |  |  |   | X |   |   |   | X |   |   | X | X | X |   |   | X |   |
|                             | CABLE-FCN40/4X14/.../S7-OUT          | 453                              | Seite/page 51 |         |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                             | CABLE-FCN40/4X14/.../S7-IN           | 453                              | Seite/page 51 |         |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                             | VIP-2/SC/2FLK14 (1-20) /S7           | 474                              | 2315230       |         |  |  |   | X |   | X | X | X | X | X | X | X | X | X | X | X | X |
|                             | VIP-2/PT/2FLK14 (1-20) /S7           | 474                              | 2903802       |         |  |  |   | X |   | X | X | X | X | X | X | X | X | X | X | X | X |
|                             | FLKM-2FLK 14/KDS3-MT/PPA/S7          | 482                              | 2295062       |         |  |  |   | X |   | X | X | X | X | X | X | X | X | X | X | X | X |
|                             | VIP-2/SC/FLK14/PLC                   | 470                              | 2315214       |         |  |  |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                             | VIP-2/PT/FLK14/PLC                   | 470                              | 2903801       |         |  |  |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                             | VIP-2/SC/FLK14/LED/PLC               | 470                              | 2322249       |         |  |  |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                             | VIP-2/PT/FLK14/LED/PLC               | 470                              | 2904279       |         |  |  |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                             | aktiv / active                       | VIP-3/SC/FLK14/8IM/PLC           | 479           | 2322278 |  |  |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |
| VIP-3/PT/FLK14/8IM/PLC      |                                      | 479                              | 2904282       |         |  |  |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
| VIP-2/SC/FLK14/8M/PLC       |                                      | 476                              | 2322281       |         |  |  |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
| VIP-2/PT/FLK14/8M/PLC       |                                      | 476                              | 2904283       |         |  |  |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
| VIP-2/SC/FLK14/8P/PLC       |                                      | 476                              | 2322294       |         |  |  |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
| VIP-2/PT/FLK14/8P/PLC       |                                      | 476                              | 2904284       |         |  |  |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
| VIP-3/SC/FLK14/8IM/LED/PLC  |                                      | 479                              | 2322265       |         |  |  |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
| VIP-3/PT/FLK14/8IM/LED/PLC  |                                      | 479                              | 2904281       |         |  |  |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
| FLKM 14/KDS 3-MT/PPA/PLC    |                                      | 482                              | 2290423       |         |  |  |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
| FLKM 14/8M/SI/PLC           |                                      | 478                              | 2294487       |         |  |  |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
| UMK-8RM/MR-G24/1/PLC        |                                      | 492                              | 2979469       |         |  |  |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
| UM-8RM/RT-G24/21/PLC        |                                      | 493                              | 2968386       |         |  |  |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
| UMK-8RM/KSR-G24/21/PLC      | 494                                  | 2979485                          |               |         |  |  | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| UMK-8RELS/KSR-G24/21-21/PLC | 496                                  | 2976187                          |               |         |  |  | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| UM-8RELS/KSR-G24/21/MT/PLC  | 497                                  | 2962463                          |               |         |  |  | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| VIP-8RPT-24DC/21/D0/FU/PLC  |                                      | 2903601                          |               |         |  |  | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| UM-8RM/KSR-G24/21/SI/PLC    | 499                                  | 2900892                          |               |         |  |  | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| UM-8RM/KSR-G24/21/MS/PLC    | 498                                  | 2900890                          |               |         |  |  | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| UM-8RM/KSR-G24/21/MS/SI/PLC | 499                                  | 2900893                          |               |         |  |  | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| PLC-V8/FLK14/OUT            | 484                                  | 2295554                          |               |         |  |  | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| VIP-8RPT-24DC/1AU/DI/PLC    |                                      | 2903600                          |               |         |  |  | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| VIP-8RPT-120AC/1AU/DI/PLC   |                                      | 2904576                          |               |         |  |  | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| PLC-V8/FLK14/IN             | 484                                  | 2296553                          |               |         |  |  | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| PLC-V8L/FLK14/OUT           | 485                                  | 2299660                          |               |         |  |  | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

<sup>1)</sup> Frontadapter mit integriertem Systemkabel  
<sup>1)</sup>Front adapter with integrated system cable  
<sup>3)</sup> Siehe Seite 38/39  
<sup>3)</sup> See page 38/39



| Bezeichnung / Description | Katalog 7-2013<br>Catalog 7-2013 | Bestellnr. /<br>Order No. | 334-OCE01-0AA0 | 334-OKE00-0AB0 | 335-7HG01-0AB0 | 336-1HE00-0AB0 <sup>4)</sup> | 336-4GE00-0AB0 <sup>4)</sup> | 338-4ABC01-0AB0 | 350-1AH03-0AEO | 350-2AH01-0AEO | 351-1AH01-0AEO | 352-1AH02-0AEO | 353-1AH01-0AEO | 354-1AH01-0AEO | 355-0VH10-0AEO | 355-1VH10-0AEO | 357-4AH01-0AEO |
|---------------------------|----------------------------------|---------------------------|----------------|----------------|----------------|------------------------------|------------------------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|---------------------------|----------------------------------|---------------------------|----------------|----------------|----------------|------------------------------|------------------------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|

| 32 Kanäle / 32 channels       |                                    |                       |               |         |  |  |  |  |   |   |  |  |  |  |  |  |   |  |
|-------------------------------|------------------------------------|-----------------------|---------------|---------|--|--|--|--|---|---|--|--|--|--|--|--|---|--|
| passiv / passive              | VIP-PA-FLK50/...M/S7 <sup>1)</sup> | 448                   | Seite/page 50 |         |  |  |  |  |   |   |  |  |  |  |  |  |   |  |
|                               | CABLE-FCN40/1X50/.../S7-OUT        | 453                   | Seite/page 51 |         |  |  |  |  | X |   |  |  |  |  |  |  | X |  |
|                               | CABLE-FCN40/1X50/.../S7-IN         | 453                   | Seite/page 51 |         |  |  |  |  |   |   |  |  |  |  |  |  |   |  |
|                               | VIP-2/SC/FLK50/PLC                 | 471                   | 2315227       |         |  |  |  |  |   |   |  |  |  |  |  |  |   |  |
|                               | VIP-2/PT/FLK50/PLC                 | 471                   | 2903803       |         |  |  |  |  |   |   |  |  |  |  |  |  |   |  |
|                               | VIP-2/SC/FLK50/LED/PLC             | 471                   | 2322252       |         |  |  |  |  |   |   |  |  |  |  |  |  |   |  |
|                               | VIP-2/PT/FLK50/LED/PLC             | 471                   | 2904280       |         |  |  |  |  |   |   |  |  |  |  |  |  |   |  |
|                               | FLKM 50/32M/PLC                    | 477                   | 2289719       |         |  |  |  |  |   |   |  |  |  |  |  |  |   |  |
|                               | FLKM 50/32P/PLC                    | 477                   | 2291121       |         |  |  |  |  |   |   |  |  |  |  |  |  |   |  |
|                               | FLKMS 50/32IM/PLC                  | 480                   | 2284523       |         |  |  |  |  |   |   |  |  |  |  |  |  |   |  |
|                               | FLKMS 50/32IM/LA/PLC               | 480                   | 2284510       |         |  |  |  |  |   |   |  |  |  |  |  |  |   |  |
|                               | FLKMS 50/32IM/ZFKDS/PLC            | 480                   | 2901389       |         |  |  |  |  |   |   |  |  |  |  |  |  |   |  |
|                               | FLKM 50/KDS 3-MT/PPA/PLC           | 482                   | 2290614       |         |  |  |  |  |   |   |  |  |  |  |  |  |   |  |
|                               | FLKM50/32M/SI/PLC                  | 478                   | 2294490       |         |  |  |  |  |   |   |  |  |  |  |  |  |   |  |
|                               | VIP-2/SC/FLK50 (1-40) /S7          | 472                   | 2315243       |         |  |  |  |  |   | X |  |  |  |  |  |  | X |  |
|                               | VIP-2/PT/FLK50 (1-40) /S7          | 472                   | 2903804       |         |  |  |  |  |   | X |  |  |  |  |  |  | X |  |
|                               | FLKM 50/KDS3-MT/PPA/S7-300         | 482                   | 2304490       |         |  |  |  |  |   | X |  |  |  |  |  |  | X |  |
|                               | aktiv / active                     | UMK-32RM/MR-G24/1/PLC | 492           | 2979472 |  |  |  |  |   |   |  |  |  |  |  |  |   |  |
|                               | UMK-32RM/RT-G24/21/PLC             | 493                   | 2968373       |         |  |  |  |  |   |   |  |  |  |  |  |  |   |  |
|                               | UMK-16RM/KSR-G24/21/PLC            | 495                   | 2979498       |         |  |  |  |  |   |   |  |  |  |  |  |  |   |  |
| UMK-16RM/KSR-G24/21/E/PLC     | 495                                | 2979508               |               |         |  |  |  |  |   |   |  |  |  |  |  |  |   |  |
| UM-16RELS/KSR-G24/21/MT/PLC   | 497                                | 2962382               |               |         |  |  |  |  |   |   |  |  |  |  |  |  |   |  |
| UM-16RELS/KSR-G24/21/E/MT/PLC | 497                                | 2962379               |               |         |  |  |  |  |   |   |  |  |  |  |  |  |   |  |
| UM 32RM/KSR-G24/21/MS/PLC     | 498                                | 2900891               |               |         |  |  |  |  |   |   |  |  |  |  |  |  |   |  |

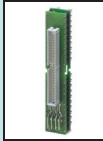
| 8 Kanäle / 8 channels       |                                      |         |               |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|-----------------------------|--------------------------------------|---------|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| passiv / passive            | VIP-PA-FLK14/...M/S7 <sup>1)</sup>   | 449     | Seite/page 50 | X | X | X |   | X | X | X | X | X | X | X | X |   |  |  |
|                             | VIP-PA-FLK4X14/...M/S7 <sup>1)</sup> | 449     | Seite/page 50 |   |   |   |   |   | X |   |   |   |   |   |   | X |  |  |
|                             | CABLE-FCN40/4X14/.../S7-OUT          | 453     | Seite/page 51 |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|                             | CABLE-FCN40/4X14/.../S7-IN           | 453     | Seite/page 51 |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|                             | VIP-2/SC/2FLK14 (1-20) /S7           | 474     | 2315230       | X | X | X | X | X | X | X | X | X | X | X | X |   |  |  |
|                             | VIP-2/PT/2FLK14 (1-20) /S7           | 474     | 2903802       | X | X | X | X | X | X | X | X | X | X | X | X |   |  |  |
|                             | FLKM-2FLK 14/KDS3-MT/PPA/S7          | 482     | 2295062       | X | X | X | X | X | X | X | X | X | X | X | X |   |  |  |
|                             | VIP-2/SC/FLK14/PLC                   | 470     | 2315214       |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|                             | VIP-2/PT/FLK14/PLC                   | 470     | 2903801       |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|                             | VIP-2/SC/FLK14/LED/PLC               | 470     | 2322249       |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|                             | VIP-2/PT/FLK14/LED/PLC               | 470     | 2904279       |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|                             | VIP-3/SC/FLK14/8IM/PLC               | 479     | 2322278       |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|                             | VIP-3/PT/FLK14/8IM/PLC               | 479     | 2904282       |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|                             | VIP-2/SC/FLK14/8M/PLC                | 476     | 2322281       |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|                             | VIP-2/PT/FLK14/8M/PLC                | 476     | 2904283       |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|                             | VIP-2/SC/FLK14/8P/PLC                | 476     | 2322294       |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|                             | VIP-2/PT/FLK14/8P/PLC                | 476     | 2904284       |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|                             | VIP-3/SC/FLK14/8IM/LED/PLC           | 479     | 2322265       |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|                             | VIP-3/PT/FLK14/8IM/LED/PLC           | 479     | 2904281       |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|                             | FLKM 14/KDS 3-MT/PPA/PLC             | 482     | 2290423       |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| FLKM 14/8M/SI/PLC           | 478                                  | 2294487 |               |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| aktiv / active              | UMK-8RM/MR-G24/1/PLC                 | 492     | 2979469       |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| UM-8RM/RT-G24/21/PLC        | 493                                  | 2968386 |               |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| UMK-8RM/KSR-G24/21/PLC      | 494                                  | 2979485 |               |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| UMK-8RELS/KSR-G24/21-21/PLC | 496                                  | 2976187 |               |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| UM-8RELS/KSR-G24/21/MT/PLC  | 497                                  | 2962463 |               |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| VIP-8RPT-24DC/21/D0/FU/PLC  |                                      | 2903601 |               |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| UM-8RM/KSR-G24/21/SI/PLC    | 499                                  | 2900892 |               |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| UM-8RM/KSR-G24/21/MS/PLC    | 498                                  | 2900890 |               |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| UM-8RM/KSR-G24/21/MS/SI/PLC | 499                                  | 2900893 |               |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| PLC-V8/FLK14/OUT            | 484                                  | 2295554 |               |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| VIP-8RPT-24DC/1AU/DI/PLC    |                                      | 2903600 |               |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| VIP-8RPT-120AC/1AU/DI/PLC   |                                      | 2904576 |               |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| PLC-V8/FLK14/IN             | 484                                  | 2296553 |               |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| PLC-V8L/FLK14/OUT           | 485                                  | 2299660 |               |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |

<sup>1)</sup> Frontadapter mit integriertem Systemkabel  
<sup>1)</sup> Front adapter with integrated system cable

<sup>4)</sup> Siehe Seite 40/41  
<sup>4)</sup> See page 40/41







Katalog 7-2013  
Catalog 7-2013

Bestellnr. /  
Order No.

334-OCE01-0AA0  
334-OKE00-0AB0  
335-7HG01-0AB0  
336-1HE00-0AB0  
336-4GE00-0AB0  
338-4ABC01-0AB0  
350-1AH03-0AEO  
350-2AH01-0AEO  
351-1AH01-0AEO  
352-1AH02-0AEO  
353-1AH01-0AEO  
354-1AH01-0AEO  
355-0VH10-0AEO  
355-1VH10-0AEO  
357-4AH01-0AEO

Bezeichnung / Description

| 32 Kanäle / 32 channels       | passiv / passive          |                  | aktiv / active         |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
|-------------------------------|---------------------------|------------------|------------------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                               | Bezeichnung / Description | Katalog 7-2013   | Bestellnr. / Order No. | 334-OCE01-0AA0 | 334-OKE00-0AB0 | 335-7HG01-0AB0 | 336-1HE00-0AB0 | 336-4GE00-0AB0 | 338-4ABC01-0AB0 | 350-1AH03-0AEO | 350-2AH01-0AEO | 351-1AH01-0AEO | 352-1AH02-0AEO | 353-1AH01-0AEO | 354-1AH01-0AEO | 355-0VH10-0AEO | 355-1VH10-0AEO | 357-4AH01-0AEO |
| FLKM 50-PA-S300               | 450                       | 2294445          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                | X              |
| FLKM 50-PA-S300/SO167         | 452                       | 2307662          |                        |                | X              |                |                |                |                 | X              |                |                |                |                |                |                |                |                |
| FLKM 50-PA/DO326/S7-300       | 452                       | 2321952          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| FLK 50/EZ-DR/...KONFEK        | 504                       | Seite/page 52-53 |                        |                | X              |                |                |                |                 | X              |                |                |                |                |                |                | X              |                |
| CABLE-FCN40/1X50/.../S7-OUT   | 453                       | Seite/page 51    |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| CABLE-FCN40/1X50/.../S7-IN    | 453                       | Seite/page 51    |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-2/SC/FLK50/PLC            | 471                       | 2315227          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-2/PT/FLK50/PLC            | 471                       | 2903803          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-2/SC/FLK50/LED/PLC        | 471                       | 2322252          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-2/PT/FLK50/LED/PLC        | 471                       | 2904280          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| UM 45-FLK 50/32IM/ZFKDS/PLC   | 481                       | 2965224          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| FLKM 50/32M/PLC               | 477                       | 2289719          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| FLKM 50/32P/PLC               | 477                       | 2291121          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| FLKMS 50/32IM/PLC             | 480                       | 2284523          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| FLKMS 50/32IM/LA/PLC          | 480                       | 2284510          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| FLKMS 50/32IM/ZFKDS/PLC       | 480                       | 2901389          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| FLKM 50/KDS 3-MT/PPA/PLC      | 482                       | 2290614          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| FLKM50/32M/SI/PLC             | 478                       | 2294490          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-2/SC/FLK50 (1-40) /S7     | 472                       | 2315243          |                        |                |                | X              |                |                |                 | X              |                |                |                |                |                |                |                | X              |
| VIP-2/PT/FLK50 (1-40) /S7     | 472                       | 2903804          |                        |                |                | X              |                |                |                 | X              |                |                |                |                |                |                |                | X              |
| FLKM 50/KDS3-MT/PPA/S7-300    | 482                       | 2304490          |                        |                |                | X              |                |                |                 | X              |                |                |                |                |                |                |                | X              |
| FLKM 50/DO326/S7-300          |                           | 2321965          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| UM 45-16RM/MR-G24/1/PLC       | 491                       | 2962913          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| UM 45-16RM/MR-G24/1/E/PLC     | 491                       | 2962926          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| UMK-32RM/MR-G24/1/PLC         | 492                       | 2979472          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| UM-32RM/RT-G24/21/PLC         | 493                       | 2968373          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| UMK-16RM/KSR-G24/21/PLC       | 495                       | 2979498          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| UMK-16RM/KSR-G24/21/E/PLC     | 495                       | 2979508          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| UM-16RELS/KSR-G24/21/MT/PLC   | 497                       | 2962382          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| UM-16RELS/KSR-G24/21/E/MT/PLC | 497                       | 2962379          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| UM 32RM/KSR-G24/21/MS/PLC     | 498                       | 2900891          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| FLKM 14-PA-S300               | 451                       | 2299770          | X                      | X              | X              |                |                |                | X               | X              | X              | X              | X              | X              | X              | X              |                |                |
| FLKM 14-PA-S300/AN            |                           | 2302722          |                        |                |                | X              |                |                |                 |                |                |                |                |                |                |                |                |                |
| FLKM 50/4-FLK14/PA-S300       | 450                       | 2296281          |                        |                |                |                |                |                |                 | X              |                |                |                |                |                |                | X              |                |
| FLK 14/EZ-DR/...KONFEK        | 504                       | Seite/page 52-53 | X                      | X              | X              | X              |                |                | X               | X              | X              | X              | X              | X              | X              | X              | X              |                |
| CABLE-FCN40/4X14/.../S7-OUT   | 453                       | Seite/page 51    |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| CABLE-FCN40/4X14/.../S7-IN    | 453                       | Seite/page 51    |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-2/SC/2FLK14 (1-20) /S7    | 474                       | 2315230          | X                      | X              | X              | X              |                |                | X               | X              | X              | X              | X              | X              | X              | X              |                |                |
| VIP-2/PT/2FLK14 (1-20) /S7    | 474                       | 2903802          | X                      | X              | X              | X              |                |                | X               | X              | X              | X              | X              | X              | X              | X              |                |                |
| FLKM-2FLK 14/KDS3-MT/PPA/S7   | 482                       | 2295062          | X                      | X              | X              | X              |                |                | X               | X              | X              | X              | X              | X              | X              | X              |                |                |
| VIP-2/SC/FLK14/PLC            | 470                       | 2315214          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-2/PT/FLK14/PLC            | 470                       | 2903801          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-2/SC/FLK14/LED/PLC        | 470                       | 2322249          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-2/PT/FLK14/LED/PLC        | 470                       | 2904279          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-3/SC/FLK14/8IM/PLC        | 479                       | 2322278          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-3/PT/FLK14/8IM/PLC        | 479                       | 2904282          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-2/SC/FLK14/8M/PLC         | 476                       | 2322281          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-2/PT/FLK14/8M/PLC         | 476                       | 2904283          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-2/SC/FLK14/8P/PLC         | 476                       | 2322294          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-2/PT/FLK14/8P/PLC         | 476                       | 2904284          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-3/SC/FLK14/8IM/LED/PLC    | 479                       | 2322265          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-3/PT/FLK14/8IM/LED/PLC    | 479                       | 2904281          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| FLKM 14/KDS 3-MT/PPA/PLC      | 482                       | 2290423          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| FLKM 14/8M/SI/PLC             | 478                       | 2294487          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| UM 45-8RM/MR-G24/1/PLC        | 490                       | 2962900          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| UMK-8RM/MR-G24/1/PLC          | 492                       | 2979469          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| UM-8RM/RT-G24/21/PLC          | 493                       | 2968386          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| UMK-8RM/KSR-G24/21/PLC        | 494                       | 2979485          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| UMK-8RELS/KSR-G24/21-21/PLC   | 496                       | 2976187          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| UM-8RELS/KSR-G24/21/MT/PLC    | 497                       | 2962463          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-8RPT-24DC/21/D0/FU/PLC    |                           | 2903601          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| UM-8RM/KSR-G24/21/SI/PLC      | 499                       | 2900892          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| UM-8RM/KSR-G24/21/MS/PLC      | 498                       | 2900890          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| UM-8RM/KSR-G24/21/MS/SI/PLC   | 499                       | 2900893          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| PLC-V8/FLK14/OUT              | 484                       | 2295554          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-8RPT-24DC/1AU/DI/PLC      |                           | 2903600          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| VIP-8RPT-120AC/1AU/DI/PLC     |                           | 2904576          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| PLC-V8/FLK14/IN               | 484                       | 2296553          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |
| PLC-V8L/FLK14/OUT             | 485                       | 2299660          |                        |                |                |                |                |                |                 |                |                |                |                |                |                |                |                |                |



| Bezeichnung / Description |  | Katalog 7-2013<br>Catalog 7-2013 | Bestellnr. /<br>Order No. |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 331-7KB81-0AB0 | 331-1KF01-0AB0 * | 331-7KF02-0AB0 | 331-7KB02-0AB0 | 331-7TF01-0AB0 | 332-5HF00-0AB0 * | 332-8TF01-0AB0 * |
|---------------------------|--|----------------------------------|---------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------|------------------|----------------|----------------|----------------|------------------|------------------|
| <b>8 Kanäle/channels</b>  | FLKM 16-PA-S300/MINI-MCR   | 454                              | 2314749                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X              | X                | X              | X              | X              |                  |                  |
|                           | FLKM 16-PA-331-1KF//MINI-MCR*  | 455                              | 2318237                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X              |                  |                |                |                |                  |                  |
|                           | FLKM 16-PA-332-5HF//MINI-MCR*  | 455                              | 2318240                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                |                  |                |                |                | X                |                  |
|                           | FLK 16/EZ-DR/...KONFEK   | 506                              | Seite/page 55             |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X              | X                | X              | X              | X              | X                | X                |
|                           | MINI MCR-SL-V8-FLK16-A   | 94                               | 2811268                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X              | X                | X              | X              | X              | X                | X                |
| <b>passiv / passive</b>   | Diese Module sind ausschließlich einsetzbar zur Systemverkabelung von MINI Analog-Modulen! |                                  |                           |  |  |  |  |  |  |  |  |  |  |  |  | * Für diese Baugruppen ist ausschließlich die Messart „Strom“ möglich.<br>* These assemblies can only be used in "current" measuring mode. |  |                |                  |                |                |                |                  |                  |
|                           | These modules must only be used for system cabling of MINI Analog modules!                 |                                  |                           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                |                  |                |                |                |                  |                  |

MINI Analog-Module /  
MINI Analog Modules

| Funktion /<br>Function  | Eingang /<br>Input  | Ausgang /<br>Output   | Schraubanschluss /<br>Screw connection                         | Katalog 7-2013<br>Catalog 7-2013 | Bestellnr. /<br>Order No. | 331-7KB81-0AB0 | 331-1KF01-0AB0 * | 331-7KF02-0AB0 | 331-7KB02-0AB0 | 331-7TF01-0AB0 | 332-5HF00-0AB0 * | 332-8TF01-0AB0 * |   |
|---|---|---|--|----------------------------------|---------------------------|----------------|------------------|----------------|----------------|----------------|------------------|------------------|---|
| <b>Analog IN / Analog OUT</b>   | Konfigurierbarer 3-Wege-Trennverstärker / Configurable 3-way isolation amplifier                                  | 0(4)...20 mA / 0(1)...5 V / 0(2)...10 V                                       | 0(4)...20 mA / 0(1)...5 V / 0(2)...10 V                        | MINI MCR-SL-UI-UI                | 66                        | 2864383        | X                | X              | X              | X              | X                | X                |   |
|   |   | 0...24 V/0...30 V   | 0(4)...20 mA / 0(1)...5 V / 0(2)...10 V                        | MINI MCR-SL-U-UI                 | 70                        | 2864053        | X                | X              | X              | X              |                  |                  |   |
|   | Normsignal 3-Wege-Trennverstärker / Standard signal 3-way isolation amplifier                                     | 0...10 V  | 0...20 mA  | MINI MCR-SL-U-I-0                | 71                        | 2813512        | X                | X              | X              | X              |                  |                  |   |
|   |   | 0...10 V  | 4...20 mA  | MINI MCR-SL-U-I-4                | 71                        | 2813525        | X                | X              | X              | X              |                  |                  |   |
|   |   | 0...20 mA   | 0...10 V   | MINI MCR-SL-I-U-0                | 71                        | 2813541        | X                | X              | X              |                | X                | X                |   |
|   |   | 4...20 mA   | 0...10 V   | MINI MCR-SL-I-U-4                | 71                        | 2813538        | X                | X              | X              |                | X                | X                |   |
|   |   | 0(4)...20 mA  | 0(4)...20 mA   | MINI MCR-SL-I-I                  | 71                        | 2864406        | X                | X              | X              | X              | X                | X                |   |
|   |   | 0(-10)...10 V   | 0(-10)...10 V  | MINI MCR-SL-U-U                  | 71                        | 2864684        | X                | X              | X              |                |                  |                  |   |
|   | Konfigurierbarer Signalverdoppler / Configurable signal duplicator  | 0(4)...20 mA / 0...10 V/1...5 V   | 2x 0(4)...20 mA  | MINI MCR-SL-UI-2I                | 72                        | 2864794        | X                | X              | X              | X              | X                | X                | X |
|   |   |   |  | MINI MCR-SL-UI-2I-NC             | 72                        | 2864176        | X                | X              | X              | X              | X                | X                | X |
|   | Speisetrenner / Repeater power supply   | 0(4)...20 mA  | 0(4)...20 mA   | MINI MCR-SL-RPS-I-I              | 73                        | 2864422        | X                | X              | X              | X              | X                | X                |   |
|   | Speisetrenner HART / Repeater power supply with HART  | 0(4)...20 mA  | 0(4)...20 mA   | MINI MCR-SL-RPSS-I-I             | 73                        | 2864079        | X                | X              | X              | X              | X                | X                |   |
|   | Passivtrenner einkanalig / One channel passive loop-powered isolator  | 0(4)...20 mA  | 0(4)...20 mA   | MINI MCR-SL-1CP-I-I              | 74                        | 2864419        | X                | X              | X              | X              | X                | X                | X |
|   | Konfigurierbarer 3-Wege-Trennverstärker / Configurable 3-way isolation amplifier                                  | 0...50 mV bis / to 0...3 V ± 50 mV bis / to ± 3 V                             | 0(4)...20 mA   | MINI MCR-SL-SHUNT-UI             | 68                        | 2810858        | X                | X              | X              | X              |                  |                  |   |
| 0(1)...5 V / 0(2)...10 V / -5...5 V / -10...10 V                                  |   |   | MINI MCR-SL-SHUNT-UI-NC  | 68                               | 2810780                   | X              | X                | X              | X              |                |                  |                  |   |
| <b>Temperature</b>  | Konfigurierbarer Temperaturmessumformer / Configurable temperature measuring transducer                           | Pt 100: -150...+850 °C  | 0(4)...20 mA / 20...0(4) mA / 0(1)...5 V / 0...10 V / 10...0 V | MINI MCR-SL-PT100-UI             | 78                        | 2864435        | X                | X              | X              | X              | X                |                  |   |
|   |   | 2-, 3-, 4-Leiter / wire   | 0(1)...5 V / 0...10 V / 10...0 V                               | MINI MCR-SL-PT100-UI-NC          | 78                        | 2864273        | X                | X              | X              | X              |                  |                  |   |
|   | Konfigurierbarer Loop-powered Temperaturmessumformer / Configurable loop-powered temperature measuring transducer | Pt 100: -50...+200 °C   | 0(4)...20 mA / 20...0(4) mA / 0(1)...5 V / 0...10 V / 10...0 V | MINI MCR-SL-PT100-UI-200         | 77                        | 2864309        | X                | X              | X              | X              |                  |                  |   |
|   |   | 2-, 3-, 4-Leiter / wire   | 0(1)...5 V / 0...10 V / 10...0 V                               | MINI MCR-SL-PT100-UI-200-NC      | 77                        | 2864370        | X                | X              | X              | X              |                  |                  |   |
|   | Konfigurierbarer Temperaturmessumformer / Configurable temperature measuring transducer                           | Thermoelement / Thermo couple Type J: -150...+1200 °C Type K: -150...+1350 °C | 0(4)...20 mA / 20...0(4) mA / 0(1)...5 V / 0...10 V / 10...0 V | MINI MCR-SL-PT100-LP             | 79                        | 2810298        | X                | X              | X              | X              |                  |                  |   |
| 4...20 mA / 20...4mA  |   |   | MINI MCR-SL-PT100-LP-NC  | 79                               | 2810308                   | X              | X                | X              | X              |                |                  |                  |   |
| Konfigurierbarer Potipositionsmessumformer / Configurable potiposition transducer | 100 Ω ... 100 kΩ  | 0(4)...20 mA / 20...0(4) mA / 0(1)...5 V / 0...10 V / 10...0 V                | MINI MCR-SL-TC-UI  | 81                               | 2864448                   | X              | X                | X              | X              | X              |                  |                  |   |
|   |   |   | MINI MCR-SL-TC-UI-NC   | 81                               | 2864299                   | X              | X                | X              | X              | X              |                  |                  |   |
| <b>Potentiometer</b>  |   |   | MINI MCR-SL-R-UI   | 84                               | 2864095                   | X              | X                | X              | X              | X              | X                | X                |   |

**Frontadapter mit Systemkabel für  
SIMATIC S7-300 / ET 200 M /  
Front adapter with integrated system cable  
SIMATIC S7-300 / ET 200 M**

**Systemkabel für 64-kanalige I/O-Karten  
der SIMATIC S7-300 / ET 200 M /  
System cable for 64 channel I/O-cards  
SIMATIC S7-300 / ET 200 M**

**1 x 32 Kanäle anschaltbar /  
1 x 32 channels can be connected**

| Länge /<br>length: | Bezeichnung / Description | Bestellnr. /<br>Order No. |
|--------------------|---------------------------|---------------------------|
| 0,5 m              | VIP-PA-FLK50/0,5M/S7      | 2322443                   |
| 1,0 m              | VIP-PA-FLK50/1,0M/S7      | 2322456                   |
| 1,5 m              | VIP-PA-FLK50/1,5M/S7      | 2322469                   |
| 2,0 m              | VIP-PA-FLK50/2,0M/S7      | 2321800                   |
| 2,5 m              | VIP-PA-FLK50/2,5M/S7      | 2322472                   |
| 3,0 m              | VIP-PA-FLK50/3,0M/S7      | 2322485                   |
| 4,0 m              | VIP-PA-FLK50/4,0M/S7      | 2322498                   |
| 5,0 m              | VIP-PA-FLK50/5,0M/S7      | 2322508                   |
| 6,0 m              | VIP-PA-FLK50/6,0M/S7      | 2322511                   |
| 7,0 m              | VIP-PA-FLK50/7,0M/S7      | 2322524                   |
| 8,0 m              | VIP-PA-FLK50/8,0M/S7      | 2322537                   |
| 10 m               | VIP-PA-FLK50/10,0M/S7     | 2322540                   |

**1 x 32 Output Kanäle anschaltbar /  
1 x 32 output channels can be connected**

| Länge /<br>length: | Bezeichnung / Description     | Bestellnr. /<br>Order No. |
|--------------------|-------------------------------|---------------------------|
| 0,5 m              | CABLE-FCN40/1X50/0,5M/S7-OUT  | 2321017                   |
| 1,0 m              | CABLE-FCN40/1X50/1,0M/S7-OUT  | 2321020                   |
| 2,0 m              | CABLE-FCN40/1X50/2,0M/S7-OUT  | 2321033                   |
| 3,0 m              | CABLE-FCN40/1X50/3,0M/S7-OUT  | 2321046                   |
| 4,0 m              | CABLE-FCN40/1X50/4,0M/S7-OUT  | 2321059                   |
| 6,0 m              | CABLE-FCN40/1X50/6,0M/S7-OUT  | 2321062                   |
| 8,0 m              | CABLE-FCN40/1X50/8,0M/S7-OUT  | 2321075                   |
| 10 m               | CABLE-FCN40/1X50/10,0M/S7-OUT | 2321088                   |

**4 x 8 Kanäle anschaltbar /  
4 x 8 channels can be connected**

| Länge /<br>length: | Bezeichnung / Description  | Bestellnr. /<br>Order No. |
|--------------------|----------------------------|---------------------------|
| 0,5 m              | VIP-PA-FLK50/4X14/0,5M/S7  | 2322553                   |
| 1,0 m              | VIP-PA-FLK50/4X14/1,0M/S7  | 2322566                   |
| 1,5 m              | VIP-PA-FLK50/4X14/1,5M/S7  | 2322579                   |
| 2,0 m              | VIP-PA-FLK50/4X14/2,0M/S7  | 2321910                   |
| 2,5 m              | VIP-PA-FLK50/4X14/2,5M/S7  | 2322582                   |
| 3,0 m              | VIP-PA-FLK50/4X14/3,0M/S7  | 2322595                   |
| 4,0 m              | VIP-PA-FLK50/4X14/4,0M/S7  | 2322605                   |
| 5,0 m              | VIP-PA-FLK50/4X14/5,0M/S7  | 2322618                   |
| 6,0 m              | VIP-PA-FLK50/4X14/6,0M/S7  | 2322621                   |
| 7,0 m              | VIP-PA-FLK50/4X14/7,0M/S7  | 2322634                   |
| 8,0 m              | VIP-PA-FLK50/4X14/8,0M/S7  | 2322647                   |
| 10 m               | VIP-PA-FLK50/4X14/10,0M/S7 | 2322650                   |

**1 x 32 Input Kanäle anschaltbar /  
1 x 32 input channels can be connected**

| Länge /<br>length: | Bezeichnung / Description    | Bestellnr. /<br>Order No. |
|--------------------|------------------------------|---------------------------|
| 0,5 m              | CABLE-FCN40/1X50/0,5M/S7-IN  | 2321091                   |
| 1,0 m              | CABLE-FCN40/1X50/1,0M/S7-IN  | 2321101                   |
| 2,0 m              | CABLE-FCN40/1X50/2,0M/S7-IN  | 2321114                   |
| 3,0 m              | CABLE-FCN40/1X50/3,0M/S7-IN  | 2321127                   |
| 4,0 m              | CABLE-FCN40/1X50/4,0M/S7-IN  | 2321130                   |
| 6,0 m              | CABLE-FCN40/1X50/6,0M/S7-IN  | 2321143                   |
| 8,0 m              | CABLE-FCN40/1X50/8,0M/S7-IN  | 2321156                   |
| 10 m               | CABLE-FCN40/1X50/10,0M/S7-IN | 2321169                   |

**4 x 8 Output Kanäle anschaltbar /  
4 x 8 output channels can be connected**

| Länge /<br>length: | Bezeichnung / Description     | Bestellnr. /<br>Order No. |
|--------------------|-------------------------------|---------------------------|
| 0,5 m              | CABLE-FCN40/4X14/0,5M/S7-OUT  | 2321172                   |
| 1,0 m              | CABLE-FCN40/4X14/1,0M/S7-OUT  | 2321185                   |
| 2,0 m              | CABLE-FCN40/4X14/2,0M/S7-OUT  | 2321198                   |
| 3,0 m              | CABLE-FCN40/4X14/3,0M/S7-OUT  | 2321208                   |
| 4,0 m              | CABLE-FCN40/4X14/4,0M/S7-OUT  | 2321211                   |
| 6,0 m              | CABLE-FCN40/4X14/6,0M/S7-OUT  | 2321224                   |
| 8,0 m              | CABLE-FCN40/4X14/8,0M/S7-OUT  | 2321237                   |
| 10 m               | CABLE-FCN40/4X14/10,0M/S7-OUT | 2321240                   |

**2 x 8 Kanäle anschaltbar /  
2 x 8 channels can be connected**

| Länge /<br>length: | Bezeichnung / Description | Bestellnr. /<br>Order No. |
|--------------------|---------------------------|---------------------------|
| 0,5 m              | VIP-PA-FLK14/0,5M/S7      | 2322663                   |
| 1,0 m              | VIP-PA-FLK14/1,0M/S7      | 2322676                   |
| 1,5 m              | VIP-PA-FLK14/1,5M/S7      | 2322689                   |
| 2,0 m              | VIP-PA-FLK14/2,0M/S7      | 2321790                   |
| 2,5 m              | VIP-PA-FLK14/2,5M/S7      | 2322692                   |
| 3,0 m              | VIP-PA-FLK14/3,0M/S7      | 2322702                   |
| 4,0 m              | VIP-PA-FLK14/4,0M/S7      | 2322715                   |
| 5,0 m              | VIP-PA-FLK14/5,0M/S7      | 2322728                   |
| 6,0 m              | VIP-PA-FLK14/6,0M/S7      | 2322731                   |
| 7,0 m              | VIP-PA-FLK14/7,0M/S7      | 2322744                   |
| 8,0 m              | VIP-PA-FLK14/8,0M/S7      | 2322757                   |
| 10 m               | VIP-PA-FLK14/10,0M/S7     | 2322760                   |

**4 x 8 Input Kanäle anschaltbar /  
4 x 8 input channels can be connected**

| Länge /<br>length: | Bezeichnung / Description    | Bestellnr. /<br>Order No. |
|--------------------|------------------------------|---------------------------|
| 0,5 m              | CABLE-FCN40/4X14/0,5M/S7-IN  | 2321253                   |
| 1,0 m              | CABLE-FCN40/4X14/1,0M/S7-IN  | 2321266                   |
| 2,0 m              | CABLE-FCN40/4X14/2,0M/S7-IN  | 2321279                   |
| 3,0 m              | CABLE-FCN40/4X14/3,0M/S7-IN  | 2321282                   |
| 4,0 m              | CABLE-FCN40/4X14/4,0M/S7-IN  | 2321295                   |
| 6,0 m              | CABLE-FCN40/4X14/6,0M/S7-IN  | 2321305                   |
| 8,0 m              | CABLE-FCN40/4X14/8,0M/S7-IN  | 2321318                   |
| 10 m               | CABLE-FCN40/4X14/10,0M/S7-IN | 2321321                   |

▶ **Standardlängen, nicht geschirmt /  
Standard lengths, non-shielded**

| Länge /<br>length: | Bezeichnung / Description | Bestellnr. /<br>Order No. |
|--------------------|---------------------------|---------------------------|
| 0,3 m              | FLK 14/EZ-DR/ 30/KONFEK   | 2295729                   |
| 0,5 m              | FLK 14/EZ-DR/ 50/KONFEK   | 2288901                   |
| 1,0 m              | FLK 14/EZ-DR/100/KONFEK   | 2288914                   |
| 1,5 m              | FLK 14/EZ-DR/150/KONFEK   | 2288927                   |
| 2,0 m              | FLK 14/EZ-DR/200/KONFEK   | 2288930                   |
| 2,5 m              | FLK 14/EZ-DR/250/KONFEK   | 2288943                   |
| 3,0 m              | FLK 14/EZ-DR/300/KONFEK   | 2288956                   |
| 3,5 m              | FLK 14/EZ-DR/350/KONFEK   | 2288969                   |
| 4,0 m              | FLK 14/EZ-DR/400/KONFEK   | 2288972                   |
| 4,5 m              | FLK 14/EZ-DR/450/KONFEK   | 2290847                   |
| 5,0 m              | FLK 14/EZ-DR/500/KONFEK   | 2290834                   |
| 5,5 m              | FLK 14/EZ-DR/550/KONFEK   | 2290850                   |
| 6,0 m              | FLK 14/EZ-DR/600/KONFEK   | 2290863                   |
| 8,0 m              | FLK 14/EZ-DR/800/KONFEK   | 2299563                   |
| 10 m               | FLK 14/EZ-DR/1000/KONFEK  | 2299576                   |

|       |                          |         |
|-------|--------------------------|---------|
| 0,5 m | FLK 40/EZ-DR/ 50/KONFEK  | 2288985 |
| 1,0 m | FLK 40/EZ-DR/100/KONFEK  | 2288998 |
| 1,5 m | FLK 40/EZ-DR/150/KONFEK  | 2289007 |
| 2,0 m | FLK 40/EZ-DR/200/KONFEK  | 2289010 |
| 2,5 m | FLK 40/EZ-DR/250/KONFEK  | 2289023 |
| 3,0 m | FLK 40/EZ-DR/300/KONFEK  | 2289036 |
| 3,5 m | FLK 40/EZ-DR/350/KONFEK  | 2289049 |
| 4,0 m | FLK 40/EZ-DR/400/KONFEK  | 2289052 |
| 6,0 m | FLK 40/EZ-DR/600/KONFEK  | 2299589 |
| 8,0 m | FLK 40/EZ-DR/800/KONFEK  | 2299592 |
| 10 m  | FLK 40/EZ-DR/1000/KONFEK | 2299602 |

|       |                          |         |
|-------|--------------------------|---------|
| 0,5 m | FLK 50/EZ-DR/ 50/KONFEK  | 2289065 |
| 1,0 m | FLK 50/EZ-DR/100/KONFEK  | 2289078 |
| 1,5 m | FLK 50/EZ-DR/150/KONFEK  | 2289081 |
| 2,0 m | FLK 50/EZ-DR/200/KONFEK  | 2289094 |
| 2,5 m | FLK 50/EZ-DR/250/KONFEK  | 2289104 |
| 3,0 m | FLK 50/EZ-DR/300/KONFEK  | 2289117 |
| 3,5 m | FLK 50/EZ-DR/350/KONFEK  | 2289120 |
| 4,0 m | FLK 50/EZ-DR/400/KONFEK  | 2289133 |
| 4,5 m | FLK 50/EZ-DR/450/KONFEK  | 2289573 |
| 5,0 m | FLK 50/EZ-DR/500/KONFEK  | 2289586 |
| 5,5 m | FLK 50/EZ-DR/550/KONFEK  | 2289599 |
| 6,0 m | FLK 50/EZ-DR/600/KONFEK  | 2289609 |
| 6,5 m | FLK 50/EZ-DR/650/KONFEK  | 2289612 |
| 7,0 m | FLK 50/EZ-DR/700/KONFEK  | 2289625 |
| 7,5 m | FLK 50/EZ-DR/750/KONFEK  | 2289638 |
| 8,0 m | FLK 50/EZ-DR/800/KONFEK  | 2289641 |
| 8,5 m | FLK 50/EZ-DR/850/KONFEK  | 2289654 |
| 9,0 m | FLK 50/EZ-DR/900/KONFEK  | 2289667 |
| 9,5 m | FLK 50/EZ-DR/950/KONFEK  | 2289670 |
| 10 m  | FLK 50/EZ-DR/1000/KONFEK | 2289683 |

|       |                               |         |
|-------|-------------------------------|---------|
| 0,5 m | FLK 50/4X14/EZ-DR/ 50/KONFEK  | 2296689 |
| 1,0 m | FLK 50/4X14/EZ-DR/ 100/KONFEK | 2296692 |
| 1,5 m | FLK 50/4X14/EZ-DR/ 150/KONFEK | 2296702 |
| 2,0 m | FLK 50/4X14/EZ-DR/ 200/KONFEK | 2296715 |
| 2,5 m | FLK 50/4X14/EZ-DR/ 250/KONFEK | 2305402 |
| 3,0 m | FLK 50/4X14/EZ-DR/ 300/KONFEK | 2296728 |
| 4,0 m | FLK 50/4X14/EZ-DR/ 400/KONFEK | 2296731 |
| 6,0 m | FLK 50/4X14/EZ-DR/ 600/KONFEK | 2296744 |
| 8,0 m | FLK 50/4X14/EZ-DR/ 800/KONFEK | 2296757 |
| 10 m  | FLK 50/4X14/EZ-DR/1000/KONFEK | 2296773 |

▶ **Standardlängen, geschirmt /  
Standard lengths, shielded**

| Länge /<br>length: | Bezeichnung / Description  | Bestellnr. /<br>Order No. |
|--------------------|----------------------------|---------------------------|
| 0,5 m              | FLK 14/EZ-DR/ 50/KONFEK/S  | 2296977                   |
| 1,0 m              | FLK 14/EZ-DR/100/KONFEK/S  | 2296980                   |
| 1,5 m              | FLK 14/EZ-DR/150/KONFEK/S  | 2296993                   |
| 2,0 m              | FLK 14/EZ-DR/200/KONFEK/S  | 2297002                   |
| 3,0 m              | FLK 14/EZ-DR/300/KONFEK/S  | 2299013                   |
| 4,0 m              | FLK 14/EZ-DR/400/KONFEK/S  | 2299026                   |
| 6,0 m              | FLK 14/EZ-DR/600/KONFEK/S  | 2299039                   |
| 8,0 m              | FLK 14/EZ-DR/800/KONFEK/S  | 2299042                   |
| 10 m               | FLK 14/EZ-DR/1000/KONFEK/S | 2299055                   |

|       |                            |         |
|-------|----------------------------|---------|
| 0,5 m | FLK 50/EZ-DR/ 50/KONFEK/S  | 2299097 |
| 1,0 m | FLK 50/EZ-DR/100/KONFEK/S  | 2299107 |
| 1,5 m | FLK 50/EZ-DR/150/KONFEK/S  | 2299110 |
| 2,0 m | FLK 50/EZ-DR/200/KONFEK/S  | 2299123 |
| 3,0 m | FLK 50/EZ-DR/300/KONFEK/S  | 2299136 |
| 4,0 m | FLK 50/EZ-DR/400/KONFEK/S  | 2299149 |
| 6,0 m | FLK 50/EZ-DR/600/KONFEK/S  | 2299152 |
| 8,0 m | FLK 50/EZ-DR/800/KONFEK/S  | 2299165 |
| 10 m  | FLK 50/EZ-DR/1000/KONFEK/S | 2299178 |

▶ **Standardlängen, halogenfrei /  
Standard lengths, halogen-free**

| Länge /<br>length: | Bezeichnung / Description   | Bestellnr. /<br>Order No. |
|--------------------|-----------------------------|---------------------------|
| 0,5 m              | FLK 14/EZ-DR/HF/ 50/KONFEK  | 2305952                   |
| 1,0 m              | FLK 14/EZ-DR/HF/100/KONFEK  | 2305965                   |
| 1,5 m              | FLK 14/EZ-DR/HF/150/KONFEK  | 2305978                   |
| 2,0 m              | FLK 14/EZ-DR/HF/200/KONFEK  | 2305981                   |
| 2,5 m              | FLK 14/EZ-DR/HF/250/KONFEK  | 2305994                   |
| 3,0 m              | FLK 14/EZ-DR/HF/300/KONFEK  | 2304759                   |
| 4,0 m              | FLK 14/EZ-DR/HF/400/KONFEK  | 2304762                   |
| 5,0 m              | FLK 14/EZ-DR/HF/500/KONFEK  | 2304717                   |
| 6,0 m              | FLK 14/EZ-DR/HF/600/KONFEK  | 2306003                   |
| 7,0 m              | FLK 14/EZ-DR/HF/700/KONFEK  | 2314011                   |
| 8,0 m              | FLK 14/EZ-DR/HF/800/KONFEK  | 2314024                   |
| 10 m               | FLK 14/EZ-DR/HF/1000/KONFEK | 2314037                   |

|       |                           |         |
|-------|---------------------------|---------|
| 0,5 m | CABLE-FLK50/0,14/HF/ 0,5M | 2314134 |
| 1,0 m | CABLE-FLK50/0,14/HF/ 1,0M | 2314147 |
| 1,5 m | CABLE-FLK50/0,14/HF/ 1,5M | 2314150 |
| 2,0 m | CABLE-FLK50/0,14/HF/ 2,0M | 2314163 |
| 2,5 m | CABLE-FLK50/0,14/HF/ 2,5M | 2314176 |
| 3,0 m | CABLE-FLK50/0,14/HF/ 3,0M | 2314189 |
| 4,0 m | CABLE-FLK50/0,14/HF/ 4,0M | 2314192 |
| 5,0 m | CABLE-FLK50/0,14/HF/ 5,0M | 2314202 |
| 6,0 m | CABLE-FLK50/0,14/HF/ 6,0M | 2314215 |
| 7,0 m | CABLE-FLK50/0,14/HF/ 7,0M | 2314228 |
| 8,0 m | CABLE-FLK50/0,14/HF/ 8,0M | 2314231 |
| 10 m  | CABLE-FLK50/0,14/HF/10,0M | 2314244 |

**Hinweis:**  
VARIOFACE-Systemkabel sind auch in anderen Längen erhältlich.  
Weitere Informationen entnehmen Sie bitte dem Phoenix Contact-Katalog 7 oder [phoenixcontact.net/products](http://phoenixcontact.net/products).

**Note:**  
VARIOFACE system cable are also available with other lengths. For further information please see the Phoenix Contact catalog 7 or [phoenixcontact.net/products](http://phoenixcontact.net/products).

**SLC 500 Kabel /  
SLC 500 Cable**

| Länge /<br>length: | Bezeichnung / Description  | BestellNr. /<br>Order No. |
|--------------------|----------------------------|---------------------------|
| 0,5 m              | FLK 40/EZ-DR/ 50/SLC       | 2294610                   |
| 1,0 m              | FLK 40/EZ-DR/100/SLC       | 2294623                   |
| 1,5 m              | FLK 40/EZ-DR/150/SLC       | 2294636                   |
| 2,0 m              | FLK 40/EZ-DR/200/SLC       | 2294649                   |
| 3,0 m              | FLK 40/EZ-DR/300/SLC       | 2294652                   |
| 0,5 m              | FLK 40/4X14/EZ-DR/ 50/OB32 | 2296786                   |
| 1,0 m              | FLK 40/4X14/EZ-DR/100/OB32 | 2298483                   |
| 2,0 m              | FLK 40/4X14/EZ-DR/200/OB32 | 2298522                   |
| 3,0 m              | FLK 40/4X14/EZ-DR/300/OB32 | 2298535                   |
| 0,5 m              | FLK 40/4X14/EZ-DR/ 50/IB32 | 2296812                   |
| 1,0 m              | FLK 40/4X14/EZ-DR/100/IB32 | 2296825                   |
| 2,0 m              | FLK 40/4X14/EZ-DR/200/IB32 | 2296838                   |
| 3,0 m              | FLK 40/4X14/EZ-DR/300/IB32 | 2296841                   |

**OMRON Kabel /  
OMRON Cable**

| Länge /<br>length: | Bezeichnung / Description     | BestellNr. /<br>Order No. |
|--------------------|-------------------------------|---------------------------|
| 1,0 m              | CABLE-FCN24/2X14/100/OMR-OUT  | 2304225                   |
| 2,0 m              | CABLE-FCN24/2X14/200/OMR-OUT  | 2304238                   |
| 1,0 m              | CABLE-FCN24/2X14/100/OMR-IN   | 2304241                   |
| 2,0 m              | CABLE-FCN24/2X14/200/OMR-IN   | 2304254                   |
| 1,0 m              | CABLE-FCN40/4X14/100/OMR-OUT  | 2304186                   |
| 2,0 m              | CABLE-FCN40/4X14/200/OMR-OUT  | 2304199                   |
| 1,0 m              | CABLE-FCN40/4X14/100/OMR-IN   | 2304209                   |
| 2,0 m              | CABLE-FCN40/4X14/200/OMR-IN   | 2304212                   |
| 1,0 m              | FLK 50/EZ-DR/FCN40/100/OMR-   | 2304144                   |
| 2,0 m              | FLK 50/EZ-DR/FCN40/200/OMR-   | 2304157                   |
| 1,0 m              | FLK 50/EZ-DR/FCN40/100/OMR-IN | 2304160                   |
| 2,0 m              | FLK 50/EZ-DR/FCN40/200/OMR-IN | 2304173                   |

**Melsec Q Kabel /  
Melsec Q Cable**

| Länge /<br>length: | Bezeichnung / Description      | BestellNr. /<br>Order No. |
|--------------------|--------------------------------|---------------------------|
| 0,5 m              | CABLE-D37-M2,5/4X14/ 50/Y81P-O | 2302476                   |
| 1,0 m              | CABLE-D37-M2,5/4X14/100/Y81P-O | 2302489                   |
| 2,0 m              | CABLE-D37-M2,5/4X14/200/Y81P-O | 2302492                   |
| 3,0 m              | CABLE-D37-M2,5/4X14/300/Y81P-O | 2302502                   |
| 0,5 m              | CABLE-D37-M2,5/4X14/ 50/X81-I  | 2302515                   |
| 1,0 m              | CABLE-D37-M2,5/4X14/100/X81-I  | 2302528                   |
| 2,0 m              | CABLE-D37-M2,5/4X14/200/X81-I  | 2302531                   |
| 3,0 m              | CABLE-D37-M2,5/4X14/300/X81-I  | 2302544                   |
| 0,5 m              | FLK 50/EZ-DR/D37SUB/ 50/Y81P-O | 2302599                   |
| 1,0 m              | FLK 50/EZ-DR/D37SUB/100/Y81P-O | 2302609                   |
| 2,0 m              | FLK 50/EZ-DR/D37SUB/200/Y81P-O | 2302612                   |
| 3,0 m              | FLK 50/EZ-DR/D37SUB/300/Y81P-O | 2302638                   |
| 0,5 m              | FLK 50/EZ-DR/D37SUB/ 50/X81-I  | 2302641                   |
| 1,0 m              | FLK 50/EZ-DR/D37SUB/100/X81-I  | 2302654                   |
| 2,0 m              | FLK 50/EZ-DR/D37SUB/200/X81-I  | 2302667                   |
| 3,0 m              | FLK 50/EZ-DR/D37SUB/300/X81-I  | 2302670                   |

**Melsec L / Q und Honeywell ML 200 Kabel /  
Melsec L / Q and Honeywell ML 200 cable**

| Länge /<br>length: | Bezeichnung / Description     | BestellNr. /<br>Order No. |
|--------------------|-------------------------------|---------------------------|
| 0,5 m              | CABLE-FCN40/1X50/ 0,5M/IM/MEL | 2903468                   |
| 1,0 m              | CABLE-FCN40/1X50/ 1,5M/IM/MEL | 2903469                   |
| 2,0 m              | CABLE-FCN40/1X50/ 2,0M/IM/MEL | 2903470                   |
| 0,5 m              | CABLE-FCN40/1X50/ 0,5M/IP/MEL | 2903476                   |
| 1,0 m              | CABLE-FCN40/1X50/ 1,5M/IP/MEL | 2903477                   |
| 2,0 m              | CABLE-FCN40/1X50/ 2,0M/IP/MEL | 2903478                   |
| 0,5 m              | CABLE-FCN40/4x14/ 0,5M/IM/MEL | 2903502                   |
| 1,0 m              | CABLE-FCN40/4x14/ 1,5M/IM/MEL | 2903503                   |
| 2,0 m              | CABLE-FCN40/4x14/ 2,0M/IM/MEL | 2903504                   |

**MODICON M340 Kabel /  
MODICON M340 Cable**

| Länge /<br>length: | Bezeichnung / Description  | BestellNr. /<br>Order No. |
|--------------------|----------------------------|---------------------------|
| 0,5 m              | CABLE-FCN40/1X50/0,5M/M340 | 2321635                   |
| 1,5 m              | CABLE-FCN40/1X50/1,0M/M340 | 2321648                   |
| 2,0 m              | CABLE-FCN40/1X50/2,0M/M340 | 2321651                   |
| 0,5 m              | CABLE-FCN40/4X14/0,5M/M340 | 2321716                   |
| 1,0 m              | CABLE-FCN40/4X14/1,0M/M340 | 2321729                   |
| 2,0 m              | CABLE-FCN40/4X14/2,0M/M340 | 2321732                   |

**Systemkabel für MINI Analog /  
System cable for MINI Analog**

| Länge /<br>length: | Bezeichnung / Description | BestellNr. /<br>Order No. |
|--------------------|---------------------------|---------------------------|
| 0,5 m              | FLK 16/EZ-DR/ 50/KONFEK   | 2299291                   |
| 1,0 m              | FLK 16/EZ-DR/100/KONFEK   | 2299301                   |
| 1,5 m              | FLK 16/EZ-DR/150/KONFEK   | 2299314                   |
| 2,0 m              | FLK 16/EZ-DR/200/KONFEK   | 2299327                   |

**Systemkabel für AXIOLINE /  
System cable for AXIOLINE**

| Länge /<br>length: | Bezeichnung / Description    | BestellNr. /<br>Order No. |
|--------------------|------------------------------|---------------------------|
| 0,5 m              | VIP-CAB-FLK14/AXIO/0,14/0,5M | 2901604                   |
| 1,0 m              | VIP-CAB-FLK14/AXIO/0,14/1,0M | 2901605                   |
| 1,5 m              | VIP-CAB-FLK14/AXIO/0,14/1,5M | 2901606                   |
| 2,0 m              | VIP-CAB-FLK14/AXIO/0,14/2,0M | 2901607                   |

**Hinweis:**  
VARIOFACE-Systemkabel sind auch in anderen Längen erhältlich.  
Weitere Informationen entnehmen Sie bitte dem Phoenix Contact-Katalog 7 oder phoenixcontact.net/products.

**Note:**  
VARIOFACE system cable are also available with other lengths. For further information please see the Phoenix Contact catalog 7 or phoenixcontact.net/products.

**PLC-Universal-Baureihe**

Die Universal-Baureihe ist als Ein- oder Ausgabeinterface einsetzbar. Sie besteht aus einer Grundklemme mit steckbarem Miniaturrelais (Wechslerkontakt) oder mit steckbarem Solid-State-Relais.

**PLC Universal Series**

The universal series can be used either as an input or output interface. It comprises a basic terminal block with pluggable miniature relay (PDT contact) or pluggable solid state relay.



**PLC-Aktor-Baureihe**

Bei Anwendungen als Schnittstelle zwischen SPS und Aktoren, wie Motoren, Schützen und Magnetventilen, wird meist nur eine Schließfunktion benötigt. Eingesetzt wird hier das Ausgabeinterface PLC...ACT. Alle Anschlüsse der Aktoren, also auch der Lastrückleiter, werden direkt angeschlossen. Damit entfallen zusätzliche Abgangsklemmen.

**PLC Actuator Series**

In interface applications between the PLC and the actuators, such as motors, contactors or solenoid valves, often only an N/O function is required. The PLC-...ACT output interface is used here. All the actuator connections, including the load return line, are connected directly. This eliminates the need for additional output terminal blocks.



**PLC-Sensor-Baureihe**

Bei Anwendungen als Schnittstelle zwischen SPS und Sensoren, wie Näherungsschalter, Endschaltern oder Hilfskontakten, wird meist nur eine Schließfunktion benötigt. Eingesetzt wird hier das Eingabeinterface PLC...SEN. Alle Anschlüsse der Sensoren, also auch die Einspeisung der Versorgungsspannung für die Sensoren/Schalter, werden direkt angeschlossen. Damit entfallen zusätzliche Reihenklennen.

**PLC Sensor Series**

In interface applications between the PLC and the sensors, such as proximity switches, limit switches or auxiliary contacts, often only an N/O function is required. The PLC-...SEN input interface is used here. All the sensor connections, including the voltage supply for the sensors/switches, are connected directly. This eliminates the need for additional modular terminal blocks.



**Anschlussart: / Connection method:**  
 - Schraubanschluss / Screw connection  
 - Zugfederanschluss / Spring-cage connection  
 - Push-in-Anschluss / Push-in connection

| Baureihe / Series                            | Funktion / Function             | Kontakt / Contact type                                | Eingang / Input                                       | Ausgang / Output                      | Bezeichnung / Description   | Anschlussart: / Connection method: PLC-R... | Katalog 7-2013 / Catalog 7-2013 | Schraube / Screw      | Zugfeder / Spring-cage | Push-in               | PLC-V8... OUT/(M) | PLC-V8... IN/(M) | PLC-V8L... OUT/(M) |                       |                             |
|--|---------------------------------|---|---|---------------------------------------|-----------------------------|---|---------------------------------|-----------------------|------------------------|-----------------------|-------------------|------------------|--------------------|-----------------------|-----------------------------|
|  |                                 |   |   |                                       |                             |   |                                 |                       |                        |                       |                   |                  |                    | SC ≙ Schraube / Screw | SP ≙ Zugfeder / Spring-cage |
| Universal                                    | Relais / Relay                  | 1 Wechsler / 1 PDT                                    | 24 V DC   | 250 V AC/DC / 6 A                     | PLC-R...-24DC/21            |   | 322                             | 2966171               | 2966472                | 2900299               | X                 |                  |                    |                       |                             |
|  |                                 |   | 24 V DC   | 250 V AC/DC / 10 A                    | PLC-R...-24DC/21HC          |   | 333                             | 2967620               | 2912277                | 2900291               |                   |                  | X                  |                       |                             |
|  |                                 |   | 12 V DC   | 30 V AC/36 V DC / 50 mA               | PLC-R...-12DC/21AU          |   |                                 | 2966919               | 2967442                | 2900317               |                   |                  | X                  |                       |                             |
|  |                                 |   | 24 V DC   | 30 V AC/36 V DC / 50 mA               | PLC-R...-24DC/21AU          |   | 323                             | 2966265               | 2966540                | 2900306               | X                 | X                |                    |                       |                             |
|  |                                 |   | 24 V AC/DC  | 30 V AC/36 V DC / 50 mA               | PLC-R...-24UC/21AU          |   | 323                             | 2966278               | 2966553                | 2900307               | X                 | X                |                    |                       |                             |
|  |                                 |   | 48 V DC   | 30 V AC/36 V DC / 50 mA               | PLC-R...-48DC/21AU          |   | 323                             | 2966126               | 2966566                | 2900308               |                   |                  | X                  |                       |                             |
|  |                                 |   | 60 V DC   | 30 V AC/36 V DC / 50 mA               | PLC-R...-60DC/21AU          |   | 323                             | 2966142               | 2966579                | 2900309               |                   |                  | X                  |                       |                             |
|  |                                 |   | 120 V AC/DC   | 30 V AC/36 V DC / 50 mA               | PLC-R...-120UC/21AU         |   | 323                             | 2966281               | 2966582                | 2900310               |                   |                  | X                  |                       |                             |
|  |                                 |   | 230 V AC/DC   | 30 V AC/36 V DC / 50 mA               | PLC-R...-230UC/21AU         |   | 323                             | 2966294               | 2966647                | 2900311               |                   |                  | X                  |                       |                             |
|  |                                 |   | 120 V AC  | 30 V AC/36 V DC / 50 mA <sup>2)</sup> | PLC-B...-120UC/21/SO46      |   | 334                             | 2980319 <sup>4)</sup> | 2980351 <sup>4)</sup>  | 2900453 <sup>4)</sup> |                   |                  | X                  |                       |                             |
|  | 230 V AC                        | 30 V AC/36 V DC / 50 mA <sup>2)</sup>                 | PLC-B...-230UC/21/SO46                                |                                       | 334                         | 2980335 <sup>4)</sup>                       | 2980377 <sup>4)</sup>           | 2900455 <sup>4)</sup> |                        |                       | X                 |                  |                    |                       |                             |
|  | 2 Wechsler / 2 PDTs             | 24 V DC   | 250 V AC/DC / 6 A                                     | PLC-R...-24DC/21-21                   |                             | 323   | 2967060                         | 2912507               | 2900330                |                       |                   | X                |                    |                       |                             |
|  |                                 | 24 V DC   | 30 V AC/DC / 50 mA                                    | PLC-R...-24DC/21-21AU                 |                             | 323   | 2967125                         | 2912578               | 2900338                |                       |                   | X                |                    |                       |                             |
|  | Relais-Schalter / Relay Switch  | 1 Schließer / 1 N/O contact                           | 24 V AC/DC  | 250 V AC/DC / 6 A                     | PLC-R...-24UC/1/S/H         |   | 350                             | 2982236               | 2982249                | 2900328               | X                 |                  |                    |                       |                             |
|  |                                 |   | 24 V AC/DC  | 250 V AC/DC / 6 A                     | PLC-R...-24UC/1/S/L         |   | 350                             | 2834876               | 2834889                | 2900327               | X                 |                  |                    |                       |                             |
|  | Universal                       | Optokoppler / Solid-state relay                       | 1 Schließer, elektronisch / 1 N/O contact, electronic | 24 V DC                               | 24 V DC / 3 A               | PLC-O...-24DC/24DC/2                        |                                 | 325                   | 2966634                | 2967471               | 2900364           | X                |                    |                       |                             |
|  |                                 |   |   | 24 V DC                               | 24 V DC / 10 A              | PLC-O...-24DC/24DC/10/R                     |                                 | 353                   | 2982702                | 2982715               | 2900398           | X                |                    |                       |                             |
|  |                                 |   |   | 24 V DC                               | 250 V AC / 0,75 A           | PLC-O...-24DC/230AC/1                       |                                 | 325                   | 2967840                | 2967895               | 2900369           | X                |                    |                       |                             |
|  |                                 |   |   | 24 V DC                               | 300 V DC / 1 A              | PLC-O...-24DC/300DC/1                       |                                 | 352                   | 2980678                | 2980830               | 2900383           | X                |                    |                       |                             |
|  |                                 |   |   | 24 V DC                               | 48 V DC / 100 mA            | PLC-O...-24DC/48DC/100                      |                                 | 324                   | 2966728                | 2967549               | 2900352           | X                | X                  |                       |                             |
| 48 V DC                                      |                                 |   |   | 48 V DC / 100 mA                      | PLC-O...-48DC/48DC/100      |   | 324                             | 2966993               | 2967743                | 2900353               |                   |                  | X                  |                       |                             |
| 60 V DC                                      |                                 |   |   | 48 V DC / 100 mA                      | PLC-O...-60DC/48DC/100      |   | 324                             | 2967455               | 2967756                | 2900354               |                   |                  | X                  |                       |                             |
| 120 V AC/DC                                  |                                 |   |   | 48 V DC / 100 mA                      | PLC-O...-120UC/48DC/100     |   | 324                             | 2966744               | 2967552                | 2900355               |                   |                  | X                  |                       |                             |
| 230 V AC/DC                                  |                                 |   |   | 48 V DC / 100 mA                      | PLC-O...-230UC/48DC/100     |   | 324                             | 2966757               | 2967565                | 2900356               |                   |                  | X                  |                       |                             |
| NAMUR  |                                 |   |   | 24 V DC / 50 mA                       | PLC-...-EIK 1-SVN 24P/P     |   | 364                             | 2982663               | 2982676                | 2900397               |                   |                  | X                  |                       |                             |
| 120 V AC                                     |                                 |   |   | 48 V DC / 100 mA <sup>3)</sup>        | PLC-B...-120UC/21/SO46      |   | 334                             | 2980319 <sup>4)</sup> | 2980351 <sup>4)</sup>  | 2900453 <sup>4)</sup> |                   |                  | X                  |                       |                             |
| 230 V AC                                     |                                 |   |   | 48 V DC / 100 mA <sup>3)</sup>        | PLC-B...-230UC/21/SO46      |   | 334                             | 2980335 <sup>4)</sup> | 2980377 <sup>4)</sup>  | 2900455 <sup>4)</sup> |                   |                  | X                  |                       |                             |
| 1 Wechsler, elektronisch / 1 PDT, electronic |                                 |   |   | 24 V DC                               | 48 V DC / 0,5 A             | PLC-O...-24DC/48DC/500/W                    |                                 | 353                   | 2980636                | 2980649               | 2900378           | X                |                    |                       |                             |
| Durchgang / Feed-Through                     |                                 |   |   | -                                     | 250 V AC/DC                 | 250 V AC/DC                                 | PLC-VT                          |                       | 486                    | 2296870               | -                 | -                |                    | X                     | X                           |
|  |                                 |   |   |                                       | 24 V DC                     | 24 V DC                                     | PLC-VT/LA                       |                       | 486                    | 2296854               | -                 | -                |                    | X                     | X                           |
| Aktor / Actuator                             | Relais / Relay                  | 1 Schließer / 1 N/O contact                           | 24 V DC   | 250 V AC/DC / 6 A                     | PLC-R...-24DC/1/ACT         |   | 326                             | 2966210               | 2967345                | 2900312               | X                 |                  |                    |                       |                             |
|  |                                 |   | 24 V DC   | 250 V AC/DC / 10 A (80 A; 20 ms)      | PLC-R...-24DC/11C/ACT       |   | 332                             | 2967604               | 2912413                | 2900298               |                   |                  | X                  |                       |                             |
|  |                                 |   | 24 V DC   | 250 V AC/DC / 6 A                     | PLC-RSC-24DC/1-1/ACT        |   | 327                             | 2967109               | -                      | -                     |                   |                  | X                  |                       |                             |
|  | Optokoppler / Solid-state relay | 1 Schließer, elektronisch / 1 N/O contact, electronic | 24 V DC   | 24 V DC / 3 A                         | PLC-O...-24DC/24DC/2/ACT    |   | 327                             | 2966676               | 2967507                | 2900376               | X                 |                  |                    |                       |                             |
|  |                                 |   | 24 V DC   | 24 V DC / 5 A                         | PLC-OSC-24DC/24DC/5/ACT     |   | 328                             | 2982786               | -                      | -                     |                   |                  | X                  |                       |                             |
|  |                                 |   | 24 V DC   | 250 V AC / 0,75 A                     | PLC-OSC-24DC/230AC/1/ACT    |   | 327                             | 2967947               | -                      | -                     |                   | X                |                    |                       |                             |
|  | Durchgang / Feed-Through        | -   | 24 V DC   | 250 V AC / 2 A                        | PLC-OSC-24DC/230AC/2/ACT    |   | 328                             | 2982760               | -                      | -                     |                   |                  | X                  |                       |                             |
|  |                                 |   | 250 V AC/DC   | 250 V AC/DC                           | PLC-VT/ACT                  |   | 487                             | 2295567               | -                      | -                     |                   | X                |                    |                       |                             |
| 487  | 2296867                         | -   | -   |                                       | X                           |   |                                 |                       |                        |                       |                   |                  |                    |                       |                             |
| Sensor <sup>1)</sup>                         | Relais / Relay                  | 1 Schließer / 1 N/O contact                           | 24 V DC   | 30 V AC/36 V DC / 50 mA               | PLC-R...-24DC/1AU/SEN       |   | 330                             | 2966317               | 2967374                | 2900313               |                   |                  | X                  |                       |                             |
|  |                                 |   | 120 V AC/DC   | 30 V AC/36 V DC / 50 mA               | PLC-R...-120UC/1AU/SEN      |   | 330                             | 2966320               | 2967390                | 2900314               |                   |                  | X                  |                       |                             |
|  |                                 |   | 230 V AC/DC   | 30 V AC/36 V DC / 50 mA               | PLC-R...-230UC/1AU/SEN      |   | 330                             | 2966333               | 2967413                | 2900315               |                   |                  | X                  |                       |                             |
|  |                                 |   | 120 V AC  | 30 V AC/36 V DC / 50 mA <sup>2)</sup> | PLC-B...-120UC/1/SEN/SO46   |   | 335                             | 2980322 <sup>4)</sup> | 2980364 <sup>4)</sup>  | 2900456 <sup>4)</sup> |                   |                  | X                  |                       |                             |
|  |                                 |   | 230 V AC  | 30 V AC/36 V DC / 50 mA <sup>2)</sup> | PLC-B...-230UC/1/SEN/SO46   |   | 335                             | 2980348 <sup>4)</sup> | 2980380 <sup>4)</sup>  | 2900457 <sup>4)</sup> |                   |                  | X                  |                       |                             |
|  | Optokoppler / Solid-state relay | 1 Schließer, elektronisch / 1 N/O contact, electronic | 24 V DC   | 48 V DC / 100 mA                      | PLC-O...-24DC/48DC/100/SEN  |   | 331                             | 2966773               | 2967578                | 2900358               |                   |                  | X                  |                       |                             |
|  |                                 |   | 120 V AC/DC   | 48 V DC / 100 mA                      | PLC-O...-120UC/48DC/100/SEN |   | 331                             | 2966799               | 2967581                | 2900359               |                   |                  | X                  |                       |                             |
|  |                                 |   | 230 V AC/DC   | 48 V DC / 100 mA                      | PLC-O...-230UC/48DC/100/SEN |   | 331                             | 2966809               | 2967594                | 2900361               |                   |                  | X                  |                       |                             |
|  |                                 |   | 120 V AC  | 48 V DC / 100 mA <sup>3)</sup>        | PLC-B...-120UC/1/SEN/SO46   |   | 335                             | 2980322 <sup>4)</sup> | 2980364 <sup>4)</sup>  | 2900456 <sup>4)</sup> |                   |                  | X                  |                       |                             |
|  |                                 |   | 230 V AC  | 48 V DC / 100 mA <sup>3)</sup>        | PLC-B...-230UC/1/SEN/SO46   |   | 335                             | 2980348 <sup>4)</sup> | 2980380 <sup>4)</sup>  | 2900457 <sup>4)</sup> |                   |                  | X                  |                       |                             |

<sup>1)</sup> Nicht mischbar mit der Universal-Baureihe (innerhalb eines Bytes)  
<sup>1)</sup> cannot be mixed with the universal series (within a byte)

<sup>2)</sup> Steckbarer Miniaturrelaisensatz: REL-MR-60DC/21AU, 2961134  
<sup>2)</sup> Pluggable miniature relays: REL-MR-60DC/21AU, 2961134

<sup>3)</sup> Steckbarer Solid-State-Relaisensatz: OPT-60DC/48DC/100, 2966621  
<sup>3)</sup> Pluggable solid-state relays: OPT-60DC/48DC/100, 2966621

<sup>4)</sup> PLC-...SO46 wird als Grundklemme mit Filter, aber ohne Relais- oder Solid-State-Relais-Bestückung geliefert.

<sup>4)</sup> PLC-...SO46 is supplied as a basic terminal block with filter, but without relay or solid-state relay.

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