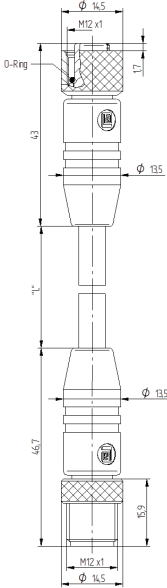
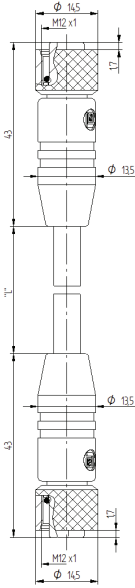
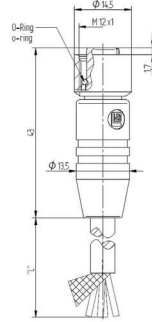
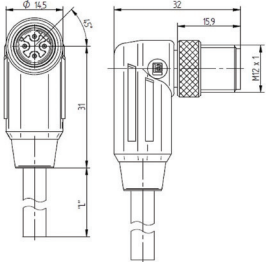
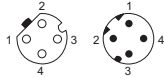
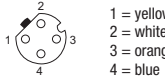
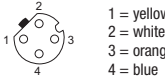
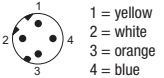




## PROFINET Double-Ended Cord Sets

Cat5e, High-Flex, High Noise, 22 AWG, PUR Halogen-Free Jacket, 360° Shielding

| Type                   | 0985 342 S4723                                                                                                                                  | 0985 342 S4724                                                                                                                                  | 0985 342 118                                                                                                                                      | 0985 342 106                                                                                                                                      |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Configuration          | M12 (male) to M12 (female)                                                                                                                      | M12 (female) to M12 (female)                                                                                                                    | M12 (female)                                                                                                                                      | M12 (male)                                                                                                                                        |
|                        |                                                                |                                                                |                                                                 |                                                                |
| Product description    | PROFINET data cable according to type C, molded on both sides with M12 male to female connector, D coding, 360° shielding with green jacket.    | PROFINET data cable according type C, molded on both sides with M12 female connectors, D coding, 360° shielding with green jacket.              | PROFINET data cable according to type C with M12 female connector and open leads, 360° shielding with green jacket.                               | Industrial Ethernet data cable, M12 male right angle connector D coded, molded on one side, 360° shielding connected to knurled screw.            |
| Technical illustration |                                                               |                                                               |                                                               |                                                               |
| Face views             |                                                                                                                                                 |                                                                                                                                                 |                                                                                                                                                   |                                                                                                                                                   |
|                        |  <p>1 = yellow<br/>2 = white<br/>3 = orange<br/>4 = blue</p> |  <p>1 = yellow<br/>2 = white<br/>3 = orange<br/>4 = blue</p> |  <p>1 = yellow<br/>2 = white<br/>3 = orange<br/>4 = blue</p> |  <p>1 = yellow<br/>2 = white<br/>3 = orange<br/>4 = blue</p> |
| Part number            |                                                                                                                                                 |                                                                                                                                                 |                                                                                                                                                   |                                                                                                                                                   |
|                        | 0985 342 S4723/...M                                                                                                                             | 0985 342 S4724/...M                                                                                                                             | 0985 342 118/...M                                                                                                                                 | 0985 342 130/...M                                                                                                                                 |
| Standard cable lengths |                                                                                                                                                 |                                                                                                                                                 |                                                                                                                                                   |                                                                                                                                                   |
|                        | 0.5 M / 1 M / 2 M / 5 M / 5.5 M / 6 M / 6.5 M / 7 M / 7.5 M / 10 M / 15 M / 20 M / 25 M / 30 M / 35 M                                           | 0.5 M / 1 M / 2 M / 5 M / 10 M / 15 M / 20 M / 25 M / 30 M / 35 M / 40 M / 45 M / 50 M / 60 M / 70 M                                            | 0.5 M / 1 M / 2 M / 5 M / 10 M / 15 M / 20 M                                                                                                      | 5 M                                                                                                                                               |

## PROFINET Double-Ended Cord Sets

Cat5e, High-Flex, High Noise, 22 AWG, PUR Halogen-Free Jacket, 360° Shielding

| Type                              | 0985 342 S4723                                                                                                                                                                                                                                                                                                                                  | 0985 342 S4724                                                                                                                                                                                                                                                                                                                                  | 0985 342 118                                                                                                                                                                                                                                                                                                                                         | 0985 342 106                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Degree of protection (IEC 60529)* | IP 67 / IP68 / IP69K                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Operating temperature range       | -25C to +80C                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Number of contacts                | 4                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Standard                          | IEC 61076-2-101                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Construction type                 | D-coded                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Mechanical                        |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Molded body                       | TPU, black                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Contact bearer                    | PBT, black                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Contacts                          | CuSn                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Contact surface                   | Cu/Au                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Knurled nut                       | CuZn, nickel-plated                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Shielding sleeve                  | CuZn, tin-plated                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| O-ring                            | FKM "female connector only"                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Electrical                        |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Rated voltage                     | 250V                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Rated current (derating)          | 4A                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Rated impulse voltage             | 2.0 kV                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Pollution degree                  | IP67                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Contact resistance                | ≤ 5 m0hm                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Insulation resistance             | > 10^9 0hm                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cable specifications              |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cable jacket                      | PUR, halogen-free                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Color                             | Green                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Overall diameter                  | 6.2mm, nominal                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Conductor                         | 22 AWG, 7 stranded bare copper                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Insulation                        | Polyethylene foam skin                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Foil shield                       | Aluminum/polyester tape, 100% coverage                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Braid shield                      | Tinned copper, 85% coverage                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Agency approval                   | AWM 20236                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cable type                        | High Flex, High Noise, PROFINET cable                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Characteristics                   |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                   |     |     |     |      |

Good chemical resistance.

The resistance has to be checked in individual cases.

\* only if mounted and locked in combination with the corresponding connector.

### Cutline

Do not connect / disconnect under load.

"L" = standard length of control line (other lengths of control lines on request)

Further technical information on control lines see 909 342

## Данный компонент на территории Российской Федерации

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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