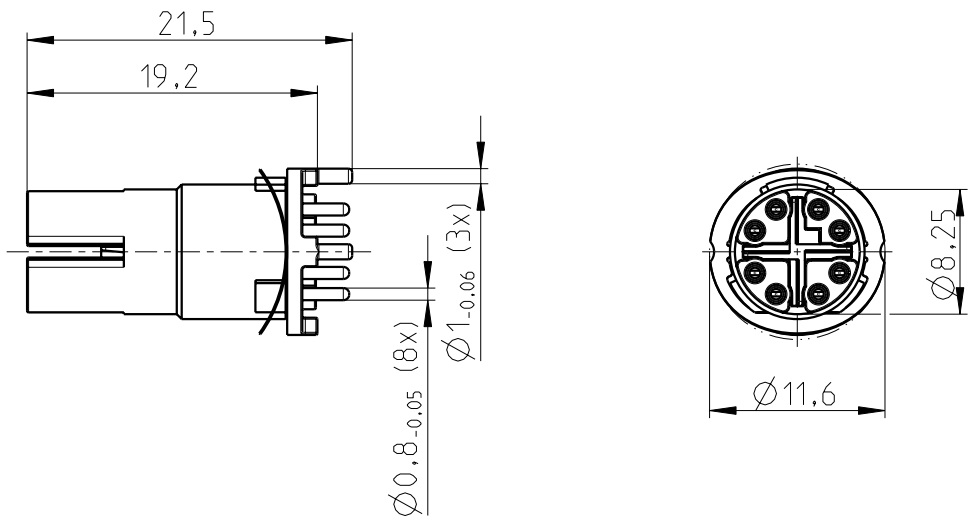


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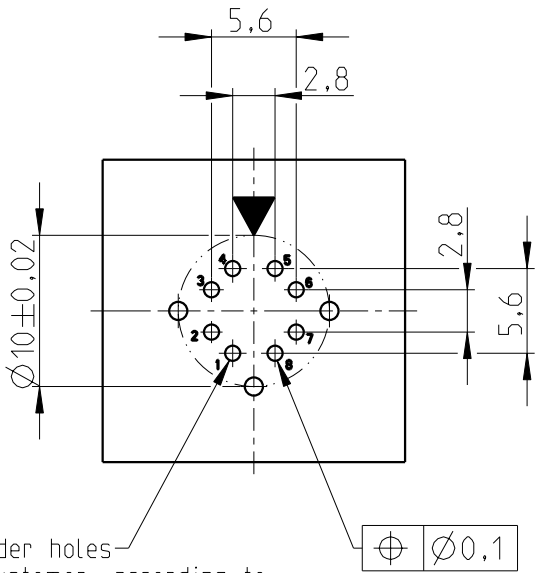
| Mechanical data<br>(according to IEC 61076-2-101) |                                | Material           |                   |
|---------------------------------------------------|--------------------------------|--------------------|-------------------|
| no. of poles / coding                             | 8 / X (with shield connection) | contacts / surface | CuZn, gold plated |
| contact termination                               | dip solder / socket            | contact carrier    | PPA               |
| contact-Ø                                         | 8xØ0,6mm                       | colour             | black             |
| temperature range                                 | -40 °C to +90 °C               | sealing gasket     | -                 |
| protection class                                  | IP67                           | shielding cross    | GD-Zn             |
| mating cycles                                     | >100                           |                    |                   |

further information:  
- see technical data M12-3



All specified data refers to the mounted M12 installation plugs ≥ IP54 and requires that the connector pair be correctly plugged and locked. Influences from wires, cables or PCB mounting are also to be taken into consideration.

drilling plan  
component side (front view PC-Board)



Design of the solder holes  
provided by the customer, according to  
solder - process (THR, wave)

orientation of contact carrier  
see design aid M12-1

|                                                                                     |            |       |                                                                                                      |  |                                |  |               |                  |  |
|-------------------------------------------------------------------------------------|------------|-------|------------------------------------------------------------------------------------------------------|--|--------------------------------|--|---------------|------------------|--|
| general tolerance<br>acc. to DIN ISO 2768-c                                         |            |       | technical changes reserved                                                                           |  | Index 1 / 2012-07-19           |  | scale:<br>2:1 |                  |  |
|                                                                                     | date       | name  | Series DSIV<br>M12-installation plug straight<br>8-pole socket/X-coding/shield connection/SC0/o-ring |  |                                |  |               | page: 1<br>of: 2 |  |
| design                                                                              | 2012-07-19 | Thumm |                                                                                                      |  |                                |  |               |                  |  |
| chk.                                                                                |            |       |                                                                                                      |  |                                |  |               |                  |  |
|                                                                                     |            |       |                                                                                                      |  |                                |  |               |                  |  |
|  |            |       | drawing-no.:                                                                                         |  | BS-08S2XJ2M100                 |  | doc.-no.:     | 00673665         |  |
|                                                                                     |            |       | order-no.:                                                                                           |  | 1440669                        |  |               |                  |  |
|                                                                                     |            |       | article designation:                                                                                 |  | SACC-DSIV-FS-8CON-L180-10G SC0 |  |               |                  |  |

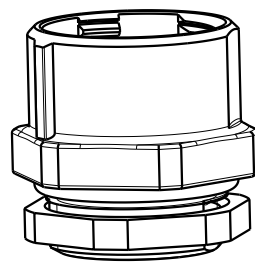
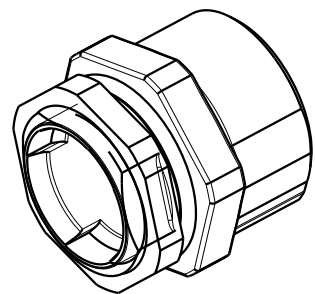
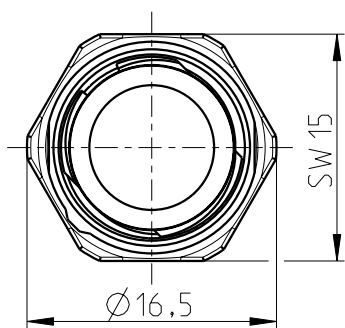
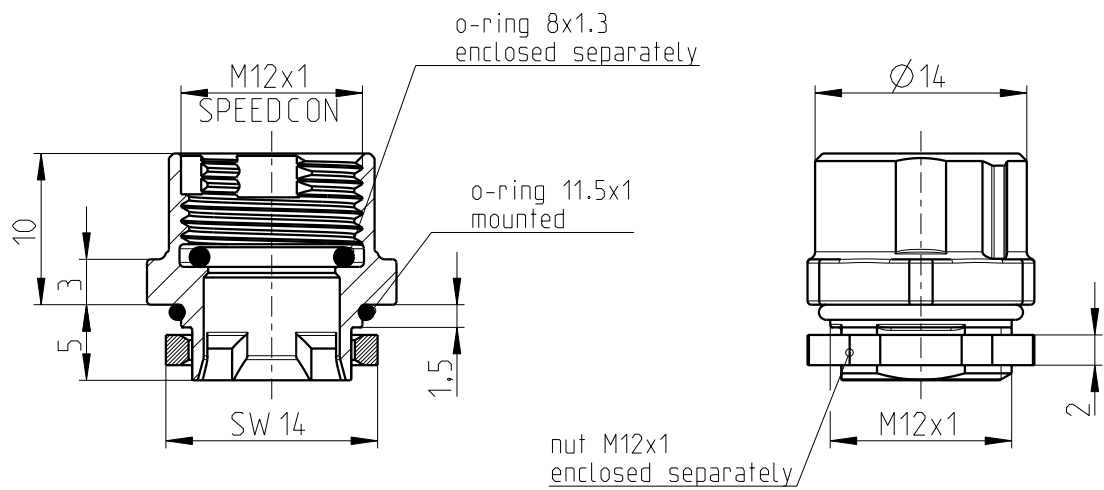
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| Mechanical data (according to IEC 61076-2-101) |                      |
|------------------------------------------------|----------------------|
| Locking thread                                 | M12 SPEEDCON         |
| Material                                       |                      |
| flange housing                                 | GD-Zn, nickel-plated |
| sealing gasket                                 | EPDM                 |
| nut                                            | brass, nickel-plated |
| temperature range                              | -40 °C to +90 °C     |

further information:  
- see installation recommendation SACC-M12-SCO NUT



All specified data refers to the mounted M12 installation plugs ≥ IP54 and requires that the connector pair be correctly plugged and locked. Influences from wires, cables or PCB mounting are also to be taken into consideration.

|                                                                                     |            |       |                                                                                                      |  |                                |  |               |                  |  |
|-------------------------------------------------------------------------------------|------------|-------|------------------------------------------------------------------------------------------------------|--|--------------------------------|--|---------------|------------------|--|
| general tolerance<br>acc. to DIN ISO 2768-c                                         |            |       | technical changes reserved                                                                           |  | Index 1 / 2012-07-19           |  | scale:<br>2:1 |                  |  |
|                                                                                     | date       | name  | Series DSIV<br>M12-installation plug straight<br>8-pole socket/X-coding/shield connection/SC0/o-ring |  |                                |  |               | page: 2<br>of: 2 |  |
| design                                                                              | 2012-07-19 | Thumm |                                                                                                      |  |                                |  |               |                  |  |
| chk.                                                                                |            |       |                                                                                                      |  |                                |  |               |                  |  |
|                                                                                     |            |       |                                                                                                      |  |                                |  |               |                  |  |
|  |            |       | drawing-no.:                                                                                         |  | BS-08S2XJ2M100                 |  | doc.-no.:     | 00673665         |  |
|                                                                                     |            |       | order-no.:                                                                                           |  | 1440669                        |  |               |                  |  |
|                                                                                     |            |       | article designation:                                                                                 |  | SACC-DSIV-FS-8CON-L180-10G SC0 |  |               |                  |  |
|                                                                                     |            |       |                                                                                                      |  |                                |  |               |                  |  |

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

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