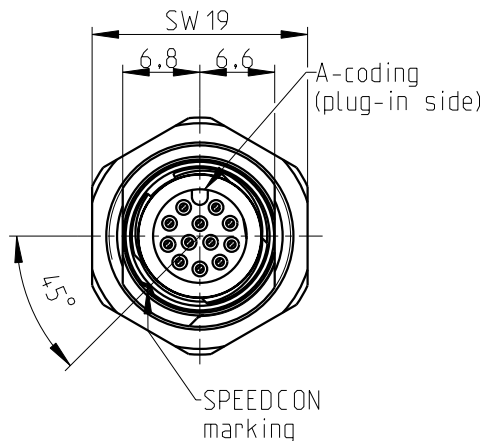
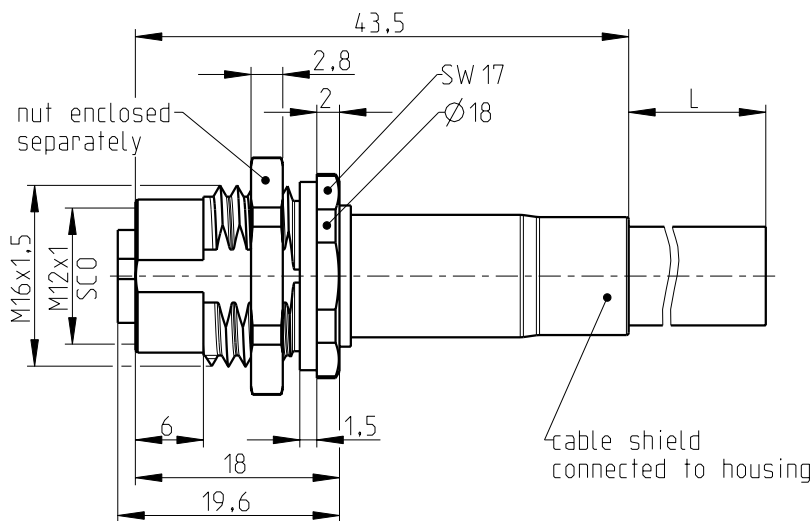


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| Mechanical data<br>(according to IEC 61076-2-101) |                            | Material           |                         |
|---------------------------------------------------|----------------------------|--------------------|-------------------------|
| no. of poles / coding                             | 12 / A                     | housing / surface  | GD-Zn / Ni              |
| contact termination                               | crimp / socket             | contact carrier    | PA 66 / UL 94 V0        |
| contact-Ø                                         | 0.6mm                      | colour             | black                   |
| temperature range                                 | -40 °C / +85 °C            | cable              | PVC geschirmt           |
| protection class                                  | IP 67                      | cross section      | 6x2x0,14mm <sup>2</sup> |
| mating cycles                                     | > 100                      | contacts / surface | CuZn / Au               |
| locking system                                    | M12 STANDARD /<br>SPEEDCON | sealing gasket     | FKM                     |
|                                                   |                            | potting            | PU 2k / UL 94 V0        |

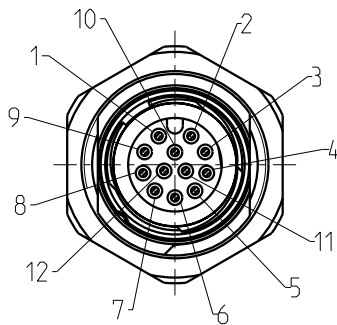
further information:  
- see technical data M12-1  
- see installation recommendation M16x1,5 design DSI



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.

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View of pin assignment  
Plug-in side



Pin layout

| pin | colour | pin | colour    |
|-----|--------|-----|-----------|
| 1   | brown  | 7   | black     |
| 2   | blue   | 8   | grey      |
| 3   | white  | 9   | red       |
| 4   | green  | 10  | purple    |
| 5   | pink   | 11  | grey/pink |
| 6   | yellow | 12  | red/blue  |

| order-no. | L (m) |
|-----------|-------|
| 1239765   | 1.0   |
| 1239766   | 2.0   |
| 1239400   | 10.0  |

|                                                                                     |            |          |                                                                            |                                           |                      |           |               |                  |  |
|-------------------------------------------------------------------------------------|------------|----------|----------------------------------------------------------------------------|-------------------------------------------|----------------------|-----------|---------------|------------------|--|
| general tolerance<br>acc. to DIN ISO 2768-c                                         |            |          | technical changes reserved                                                 |                                           | Index 1 / 2016-03-08 |           | scale:<br>3:2 |                  |  |
|                                                                                     | date       | name     | description:<br><br>Housing with crimp contacts<br>Rear mounting (M16x1,5) |                                           |                      |           |               | page: 1<br>of: 1 |  |
| design                                                                              | 2016-03-08 | Scheerer |                                                                            |                                           |                      |           |               |                  |  |
| chk.                                                                                |            |          |                                                                            |                                           |                      |           |               |                  |  |
|                                                                                     |            |          |                                                                            |                                           |                      |           |               |                  |  |
|  |            |          | drawing-no.:                                                               | BAK-61MA26AX,XX (X,XX=L)                  |                      | doc.-no.: | 97012155      |                  |  |
|                                                                                     |            |          | order-no.:                                                                 | see chart                                 |                      |           |               |                  |  |
|                                                                                     |            |          | article designation:                                                       | SACCBP-FS-12CON-M16/L (see chart) PVCSCOX |                      |           |               |                  |  |