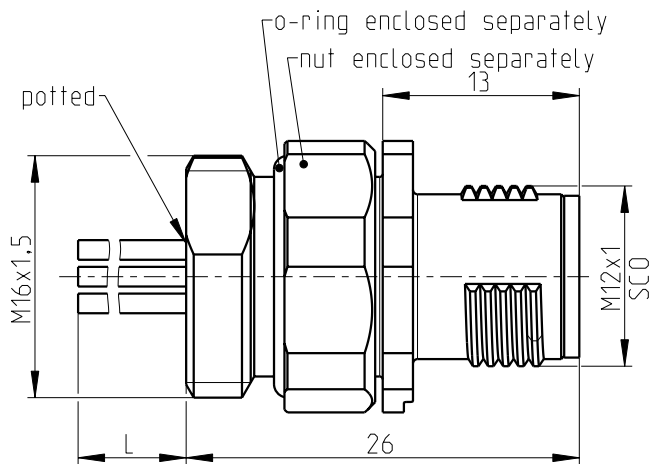
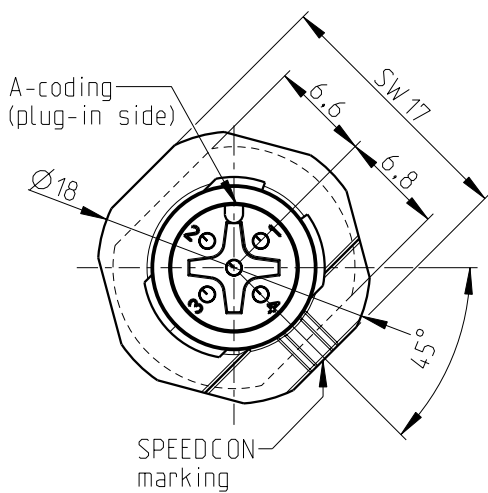


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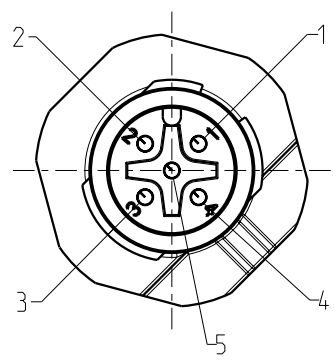
| Mechanical data<br>(according to IEC 61076-2-101) |                            | Material           |                     |
|---------------------------------------------------|----------------------------|--------------------|---------------------|
| no. of poles / coding                             | 5 / A                      | housing / surface  | GD-Zn / Ni          |
| contact termination                               | crimp / pin                | contact carrier    | PA 66 / UL 94 V0    |
| contact-Ø                                         | 1mm                        | colour             | black               |
| temperature range                                 | -40 °C / +85 °C            | wire               | TPE                 |
| protection class                                  | IP 67                      | cross section      | 0,34mm <sup>2</sup> |
| mating cycles                                     | > 100                      | contacts / surface | CuZn / Au           |
| locking system                                    | M12 STANDARD /<br>SPEEDCON | sealing gasket     | NBR                 |
|                                                   |                            | potting            | PU 2k / UL 94 V0    |

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



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.

View of pin assignment  
Plug-in side



Pin layout

| pin | colour |
|-----|--------|
| 1   | brown  |
| 2   | white  |
| 3   | blue   |
| 4   | black  |
| 5   | grey   |

|           |       |
|-----------|-------|
| order-no. | L (m) |
| 1239877   | 0.5   |
| 1446362   | 2.0   |

|                                                                                                                                                    |       |  |                            |      |                                        |       |               |  |          |  |                                                                                            |  |  |  |  |                  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------|--|----------------------------|------|----------------------------------------|-------|---------------|--|----------|--|--------------------------------------------------------------------------------------------|--|--|--|--|------------------|--|
| general tolerance<br>acc. to DIN ISO 2768-c                                                                                                        |       |  | technical changes reserved |      | Index 0 / 2018-10-24                   |       | scale:<br>2:1 |  |          |  |                                                                                            |  |  |  |  |                  |  |
| <table><tr><td>date</td><td>name</td></tr><tr><td>2018-10-24</td><td>Kraut</td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table> |       |  | date                       | name | 2018-10-24                             | Kraut |               |  |          |  | description:<br><div>Housing with crimp contacts</div> <div>Front mounting (M16x1,5)</div> |  |  |  |  | page: 1<br>of: 1 |  |
| date                                                                                                                                               | name  |  |                            |      |                                        |       |               |  |          |  |                                                                                            |  |  |  |  |                  |  |
| 2018-10-24                                                                                                                                         | Kraut |  |                            |      |                                        |       |               |  |          |  |                                                                                            |  |  |  |  |                  |  |
|                                                                                                                                                    |       |  |                            |      |                                        |       |               |  |          |  |                                                                                            |  |  |  |  |                  |  |
|                                                                                                                                                    |       |  |                            |      |                                        |       |               |  |          |  |                                                                                            |  |  |  |  |                  |  |
| design                                                                                                                                             | chk.  |  |                            |      |                                        |       |               |  |          |  |                                                                                            |  |  |  |  |                  |  |
|                                                                 |       |  | drawing-no.:               |      | BA-L31Q2C0AX,XX (X,XX=L)               |       | doc.-no.:     |  | 97099743 |  |                                                                                            |  |  |  |  |                  |  |
|                                                                                                                                                    |       |  | order-no.:                 |      | see chart                              |       |               |  |          |  |                                                                                            |  |  |  |  |                  |  |
|                                                                                                                                                    |       |  | article designation:       |      | SACC-EC-MS-5CON-M16/L (see chart) SC0X |       |               |  |          |  |                                                                                            |  |  |  |  |                  |  |
|                                                                                                                                                    |       |  |                            |      |                                        |       |               |  |          |  |                                                                                            |  |  |  |  |                  |  |