

# SAC-3P-FS SCO/.../...

Order No.: 1535778



Sensor/Actuator cable, 3-position, Free conductor end, on Socket, straight M12-SPEEDCON, A-coded, Cable length: Free input (0.2 ... 40.0 m)



## Commercial data

|                          |                   |
|--------------------------|-------------------|
| Note                     | Made-to-order     |
| Pack                     | 1                 |
| Customs tariff           | 85444290          |
| Catalog page information | Page 74 (PC-2009) |

## Product notes

WEEE/RoHS-compliant since:  
2006-03-22



## Technical data

### General data

|                       |                             |
|-----------------------|-----------------------------|
| Rated current at 40°C | 4 A                         |
| Rated voltage         | 250 V                       |
| Number of positions   | 3                           |
| Volume resistance     | $\leq 5 \text{ m}\Omega$    |
| Insulation resistance | $\geq 100 \text{ M}\Omega$  |
| Length of cable       | Free input (0.2 ... 40.0 m) |

|                                            |       |
|--------------------------------------------|-------|
| Stripping length of the free conductor end | 50 mm |
|--------------------------------------------|-------|

**General characteristics**

|                          |                                             |
|--------------------------|---------------------------------------------|
| Standards/regulations    | M12 connector IEC 61076-2-101               |
| Coding                   | A - standard                                |
| Surge voltage category   | II                                          |
| Pollution degree         | 3                                           |
| Degree of protection     | IP65/IP68/IP69K                             |
| Contact material         | CuSn                                        |
| Contact surface material | Ni/Au                                       |
| Contact carrier material | TPU GF                                      |
| Material of grip body    | TPU, hardly inflammable, self-extinguishing |
| Material, knurls         | Zinc die-cast, (nickel-plated)              |
| Sealing material         | NBR                                         |
| Status display           | No                                          |
| Test voltage             | 2500 V                                      |

**Line characteristics**

|      |                                                                                                                                                                                                              |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note | This order comprises a cable with a freely selectable cable type. As a result, technical data about the cable types available for selection is not displayed here. This information is available on request. |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Certificates**

Certification

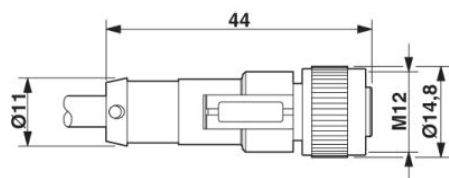
CUL Listed, UL Listed

Configuration options

|            |                                                                                                                                                                                                                                                                                                                            |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cable type | PUR halogen-free black [PUR]<br>PVC black [PVC]<br>PUR/PVC gray [100]<br>PUR/PVC orange [110]<br>PUR/PVC yellow [140]<br>PUR irradi. halogen-free orange [150]<br>PUR halogen-free orange [180]<br>PUR halogen-free gray [280]<br>PVC gray [500]<br>PVC yellow [540]<br>PVC yellow 105 °C [542]<br>PUR highflex gray [800] |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

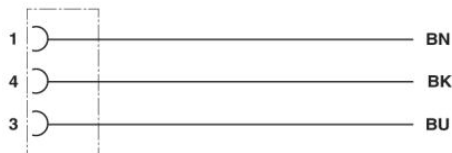
Drawings

Dimensioned drawing



M12 x 1 female connector, straight

Circuit diagram



Contact assignment of the M12 socket

Schematic diagram

Pin assignment M12 socket, 3-pos., A-coded, view female side

