

# SAC-4P-M12FR-3L/.../...

Order No.: 1696992



Sensor/Actuator cable, 4-position, Free conductor end, on Socket, angled M12, 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 82 (PC-2009) |

## Technical data

### General data

|                                            |                             |
|--------------------------------------------|-----------------------------|
| Rated current at 40°C                      | 4 A                         |
| Rated voltage                              | 24 V                        |
| Number of positions                        | 4                           |
| 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           | 3 LEDs                                      |

**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

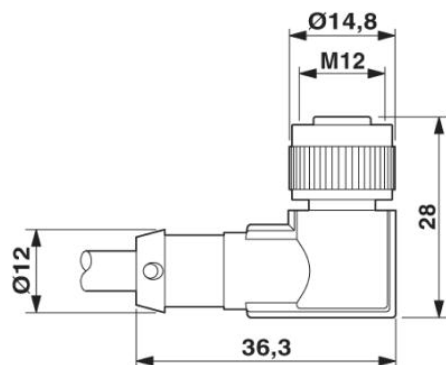
CUL Listed, UL Listed

**Configuration options**

|            |                                                                                                                                                                                                                                                                                                                                                                              |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cable type | PUR halogen-free black [PUR]<br>PVC black [PVC]<br>PUR/PVC gray [100]<br>PUR/PVC yellow [140]<br>PUR irradi. halogen-free orange [150]<br>PUR irradi. halogen-free yellow [160]<br>PUR halogen-free orange [180]<br>PUR halogen-free yellow [240]<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] |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

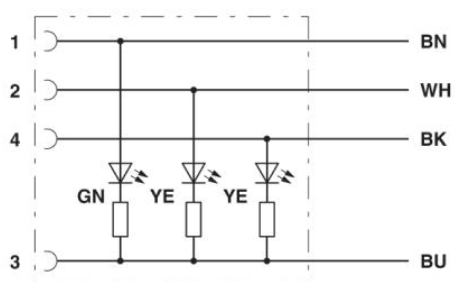
## Drawings

### Dimensioned drawing



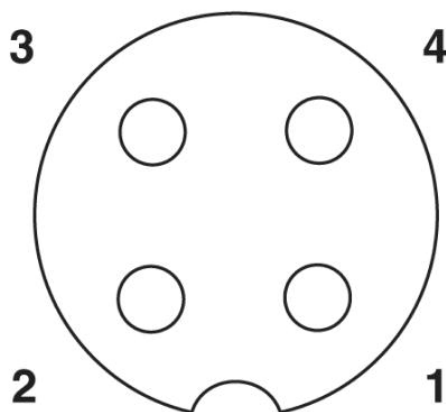
Socket M12 x 1, angled, with LED

### Circuit diagram



Contact assignment of M12 sockets with LED

### Schematic diagram



Pin assignment M12 socket, 4-pos., A-coded, view female side