

# SAC-4P-M12MS-M12FR SH/.../...

Order No.: 1536094



Sensor/Actuator cable, 4-position, shielded, Plug, straight M12, A-coded, 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 85 (PC-2009) |

## Technical data

### General data

|                       |                             |
|-----------------------|-----------------------------|
| Rated current at 40°C | 4 A                         |
| Rated voltage         | 250 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) |

### General characteristics

|                        |                               |
|------------------------|-------------------------------|
| Standards/regulations  | M12 connector IEC 61076-2-101 |
| Coding                 | A - standard                  |
| Surge voltage category | II                            |
| Pollution degree       | 3                             |

|                          |                                             |
|--------------------------|---------------------------------------------|
| Degree of protection     | IP65/IP67/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                                          |

**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

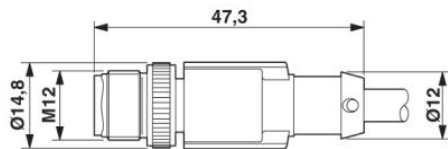
CUL Listed, UL Listed

**Configuration options**

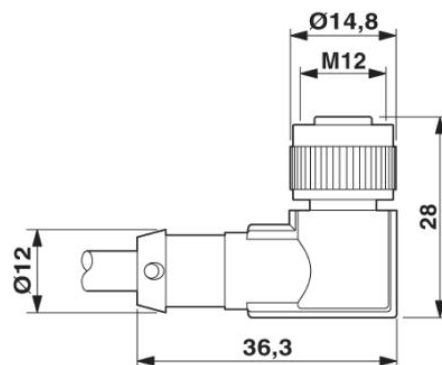
|            |                                                                                         |
|------------|-----------------------------------------------------------------------------------------|
| Cable type | PUR halogen-free black [PUR]<br>PVC black [PVC]<br>PUR/PVC gray [100]<br>PVC gray [500] |
|------------|-----------------------------------------------------------------------------------------|

## Drawings

### Dimensioned drawing

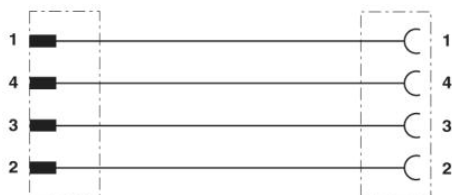


M12 x 1 male connector, straight, shielded



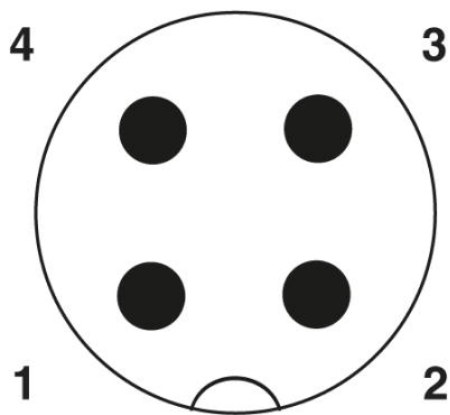
M12 x 1 female connector, angled, shielded

### Circuit diagram

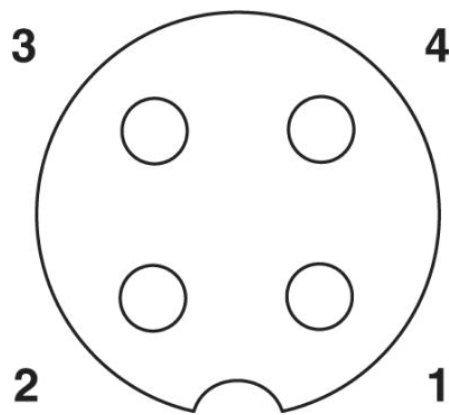


Contact assignment of the M12 plug and the M12 socket

### Schematic diagram



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



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