

## Technical data sheet

Actuator sensor interface · Network cables PROFINET

---

**Male M12 straight on male M12 straight with PUR cable, shielded 360°  
Cat.5e, D-coded, self-locking screw connection  
C-track compatible, halogen free**



---

### Identification

Type STG4-M12/STG4-M12/PN 10,0M PUR  
Part No. [475400.1000](#)

---

### Product version

Datasheet version 00

---

### General

|                                    |                                 |
|------------------------------------|---------------------------------|
| Design                             | M 12×1                          |
| Form male 1                        | M 12 male straight              |
| Form male 2                        | M 12 male straight              |
| Rated insulation voltage           | 250 V                           |
| Test voltage                       | 1500 V                          |
| Degree of pollution                | 3                               |
| Contact resistance                 | <5 mΩ                           |
| Degree of protection               | IP65/67                         |
| Housing material                   | TPU                             |
| Color of the housing               | black                           |
| Contact material                   | CuSn, gold-plated               |
| Thread material                    | Zinc die-casting, nickel-plated |
| Mounting                           | Breakaway torque 0.4 Nm         |
| Number of conductors/cross-section | 1 × 4 × AWG 22/7                |
| Number of conductors               | 4                               |
| Jacket material                    | PUR                             |
| Jacket color                       | green RAL 6018                  |
| Conductor insulation               | PP                              |

---

#### United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park  
Sandy Way, Amington · GB-Tamworth, Staffs B77 4DU  
Tel. +44 (0)1827 31333-0 · Fax +44 (0)1827 31333-2  
[www.lutze.com](http://www.lutze.com) · [sales.gb@lutze.co.uk](mailto:sales.gb@lutze.co.uk)

#### Germany: Friedrich Lütze GmbH

Postfach 12 24 (PLZ 71366) · Bruckwiesenstraße 17-19 · D-71384 Weinstadt  
Tel. +49 (0)7151 6053-0 · Fax +49 (0)7151 6053-277(-288)  
[www.luetze.de](http://www.luetze.de) · [info@luetze.de](mailto:info@luetze.de)

29.04.2022 · Subject to technical modification  
Part No. [475400.1000](#) · Datasheet version: 00

## Technical data sheet

### Actuator sensor interface · Network cables PROFINET

|                               |                   |
|-------------------------------|-------------------|
| Outer Ø                       | 6.5 mm            |
| Cable diameter                | 6.5 mm            |
| Minimum bending radius moving | 12×D              |
| Storage temperature range     | -30 °C ... +90 °C |
| Temperature range connector   | -25 °C ... +90 °C |
| Temperature range fixed       | -40 °C ... +70 °C |
| Temperature range moving      | -40 °C ... +70 °C |
| C-track chain properties      | Type B            |
| Weight/unit                   | 0.655 kg          |
| PU (units)                    | 1                 |

#### Technical data

|                        |            |
|------------------------|------------|
| Rated voltage $U_N$    | AC/DC 24 V |
| Rated voltage max.     | 30 V       |
| Operating voltage max. | 48 V       |
| Rated current          | 4 A        |
| Pole number            | 4          |
| Cable length           | 10 m       |
| Coding                 | D          |
| Shielding              | 360°       |

#### Certifications/Standards

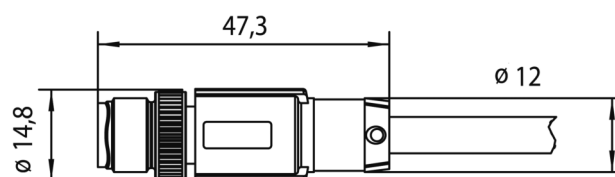
|                |    |
|----------------|----|
| Certifications | UL |
|----------------|----|

#### Equipment/Spare parts

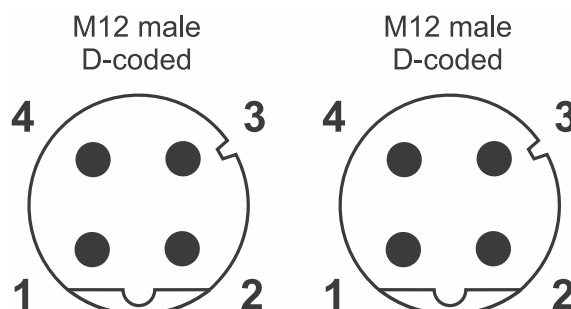
##### Accessories

**Labelling sign 4×23 mm:** Part.-No. 499988 | LEITUNGSBEZ. M8/M12 + |  
PU: 200 units

#### Dimensions



#### Pin layout



## Technical data sheet

Actuator sensor interface · Network cables PROFINET

---

### Circuit diagram

