

## 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 5,0M PUR  
Part No. [475400.0500](#)

### 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

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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 ... +80 °C
Temperature range moving	-30 °C ... +70 °C
C-track chain properties	Type B
Weight/unit	0.325 kg
PU (units)	1

#### Technical data

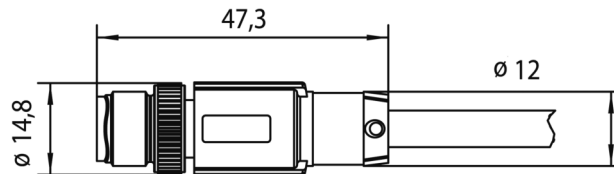
Rated voltage $U_N$	AC/DC 24 V
Rated voltage max.	30 V
Operating voltage max.	48 V
Rated current	4 A
Pole number	4
Cable length	5 m
Coding	D
Shielding	360°

#### Equipment/Spare parts

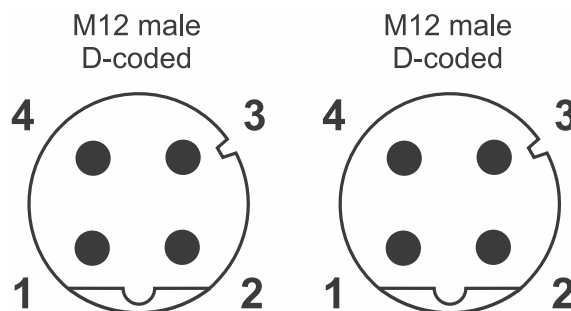
##### Accessories

**Torque setting tool M 12:** Part-No. 490091 | DM-SET M12 | PU: 1 unit

#### Dimensions



#### Pin layout



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### Circuit diagram

