

## Technical data sheet

Actuator sensor interface · Network cables PROFINET

**M12 panel connectors using PG9 thread for rear panel installation, PUR cable, open end**  
**Cat.5e, female - D coded**  
**C-track compatible, halogen free**



### Identification

Type KUGE4-M12/PN 5M PUR  
Part No. [475500.0500](#)

### Product version

Datasheet version 00

### General

Design	M 12×1
Form male 1	M 12 female
Rated insulation voltage	250 V
Test voltage	1500 V
Degree of pollution	3
Insulation resistance	>1000 MΩ
Contact resistance	<5 mΩ
Degree of protection	IP65/67
Housing material	TPU
Contact material	CuSn, gold-plated
Thread material	Zinc die-casting, nickel-plated
Number of conductors/cross-section	1×4×AWG22/7
Jacket material	PUR
Jacket color	green RAL 6018
Conductor insulation	PP
Cable diameter	6.5 mm
Bending radius	12×D
Minimum bending radius moving	10×D

#### 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. [475500.0500](#) · Datasheet version: 00

## Technical data sheet

### Actuator sensor interface · Network cables PROFINET

Storage temperature range	-40 °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	0.33 kg
PU (units)	1

### Technical data

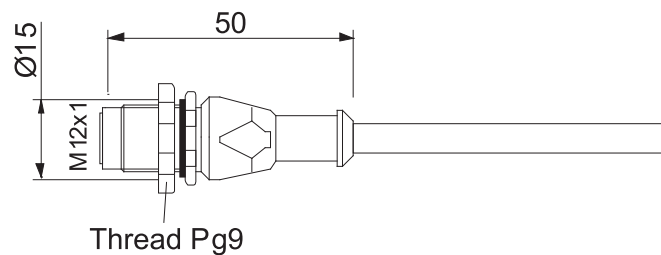
Rated voltage $U_N$	AC/DC 24 V
Rated voltage max.	30 V
Operating voltage max.	48 V
Rated current	4 A
Pole number	4
Cable length	5 m
Coding	D
Shielding	360°

### Equipment/Spare parts

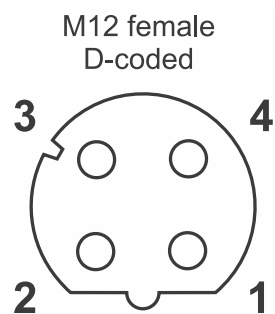
#### Accessories

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

### Dimensions



### Pin layout



## Technical data sheet

Actuator sensor interface · Network cables PROFINET

---

### Circuit diagram

