

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 2M PUR
Part No. [475500.0200](#)

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

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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	0.14 kg
PU (units)	1

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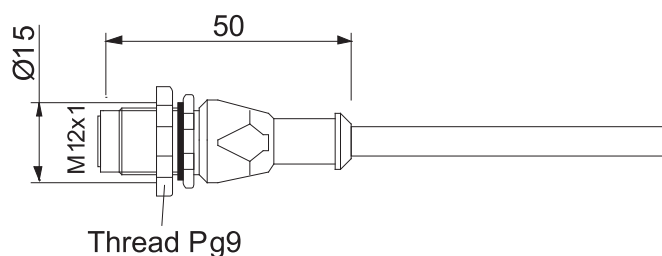
Rated voltage U_N	AC/DC 24 V
Rated voltage max.	30 V
Operating voltage max.	48 V
Rated current	4 A
Pole number	4
Cable length	2 m
Coding	D
Shielding	360°

Equipment/Spare parts

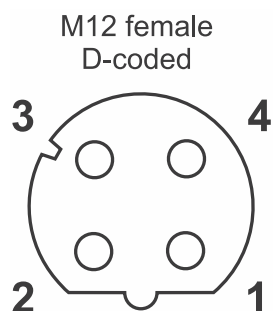
Accessories

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

Dimensions



Pin layout



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Circuit diagram

