

Technical data sheet

Actuator sensor interface · M12 - cables

Female M12 angled, with LEDs and PUR cable, open end
Self-locking screw connection
C-track compatible, halogen free



Identification

Type KUW/LED A-M12 2M PUR
Part No. [468020](#)

Product version

Datasheet version 00

Use/Application/Properties

Properties

- Silicone free
- Free from paint wetting disruptive substances (LABS-free)
- Hydrolysis-resistant, microbe-resistant, and rot-resistant
- Resistance to acids, alkalines and watery solutions

General

Design	M 12×1
Form male 1	M 12 female angle connector
Form male 2	line end open
Rated insulation voltage	32 V
Degree of pollution	3
Contact resistance	<5 mΩ
Flamability according to UL 94	HB
Degree of protection	IP65/67/68
Housing material	TPU
Color of the housing	black
Contact material	CuSn, gold-plated
Thread material	Zinc die-casting, nickel-plated

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Material sealing ring	NBR
Mounting	Torque 0.4 Nm
Number of conductors/cross-section	3 × 0.34 mm ² (42 × 0.1)
Number of conductors	3
Conductor color	black, blue, brown
Jacket material	PUR
Jacket color	black
Conductor insulation	PP
Cable diameter	3.8 mm
Minimum bending radius moving	10×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	-25 °C ... +80 °C
C-track chain properties	Type B
Conduction properties (TYPE A+B+C)	PUR halogen free for extreme demands Very good chemical stability Very resistant to oils and lubricants Very high abrasion resistance Halogen free Silicone free, free of paint wetting impairment substances Resistant to microbes and hydrolysis Good UV stability
Weight/unit	0.095 kg
PU (units)	1

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Rated voltage U _N	DC 24 V
Rated voltage min.	10 V
Operating voltage max.	28 V
Rated current	4 A
Pole number	3
Cable length	2 m
Status indication	Operating voltage: LED green I/O: LED yellow
Current Consumption	10 mA
Coding	A

Certifications/Standards

UV-resistant according to	DIN EN ISO 4892-2-A
Certifications	cULus Listed (E224249)

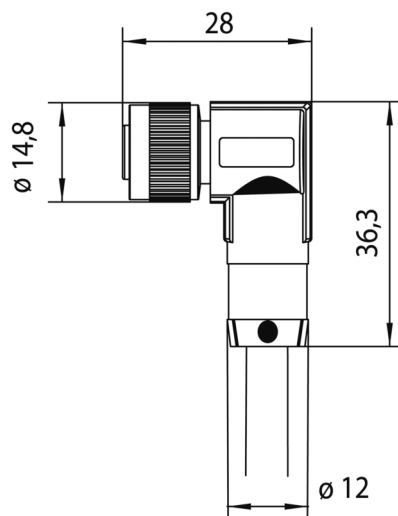
Equipment/Spare parts

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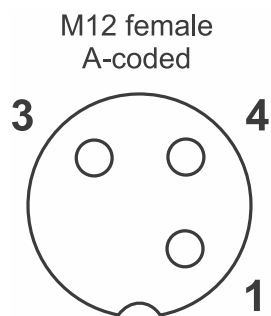
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Dimensions



Pin layout



Circuit diagram

