

Technical data sheet

Actuator sensor interface · M12 panel jack

M12 connectors panel mounted using M16 thread

Female - A coded

0.5 m TPE wire



Identification

Type	KUGE-M12 4pol. 0,5m Litze
Part No.	490064

Product version

Datasheet version	01
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General

Design	M 12×1
Form male 1	M 12 Male Straight
Form male 2	M 12 Female Straight
Rated insulation voltage	250 V
Test voltage	2500 V
Degree of pollution	3
Insulation resistance	>100 MΩ
Contact resistance	<3 mΩ
Flamability according to UL 94	V0
Degree of protection	IP67
Housing material	Zinc die-casting
Contact material	CuZn, gold-plated
Thread material	CuZn nickel-plate
Material sealing ring	NBR
Mounting	Front installation Fastening thread M16 × 1,5
Number of conductors/cross-section	0.34 mm ² (7×0.25 mm)
Conductor insulation	TPE

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0
www.lutze.com • 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
www.luetze.de • info@luetze.de

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Cable diameter	1.25 mm
Storage temperature range	-40 °C ... +85 °C
Temperature range connector	-25 °C ... +85 °C
Mechanical service life	>100 insertion cycles
Connection type	M 16
Cross-section, metric	0.34 mm ²
Weight/unit	0.02 kg
PU (units)	1

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Operating voltage max.	250 V
Rated current	4 A
Pole number	4
Cable length	0.5 m
Coding	A

Certifications/Standards

Certifications	UL Recognized File Nr. E224249
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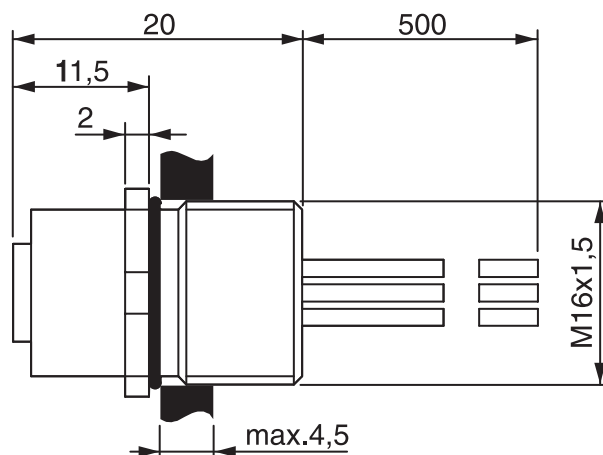
Equipment/Spare parts

Accessories	Counter nut M16: Part-No. 600361 GMS M16 PU: 100 units
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Notes and Comments

Comments	Connection assignment Pole / wire color: 1/ BN (Brown) – 2/ WH (White) – 3/ BU (Blue) – 4/ BK (Black)
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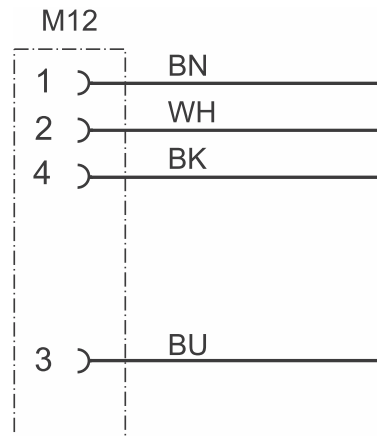
Dimensions



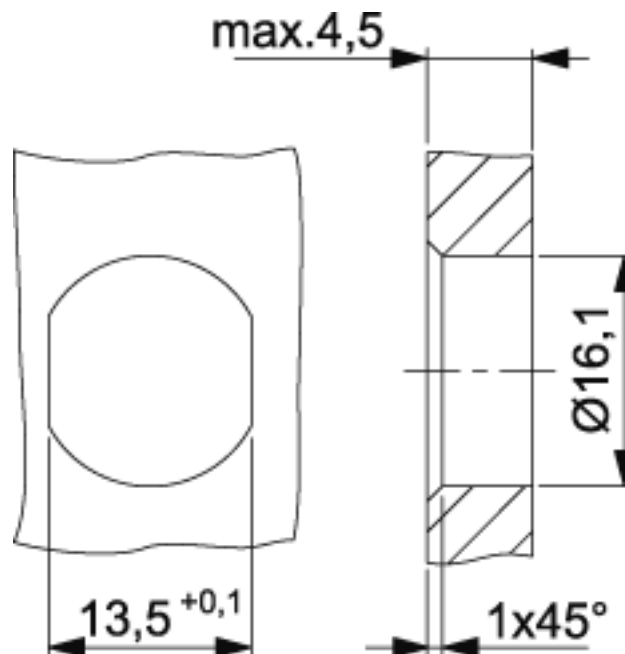
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PIN assignment



Mounting diagram



Pin layout

