

Technical data sheet

Actuator sensor interface · M8 panel jack

M8 panel connectors using M8 thread

Male

0.5 m TPE wire



Identification

Type	STGE-M8 3pol. 0,5m Litze
Part No.	490062

Product version

Datasheet version	00
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General

Design	M 8×1 male
Form male 1	M 8 male straight
Rated insulation voltage	60 V
Test voltage	1500 V
Degree of pollution	3
Insulation resistance	>100 MΩ
Contact resistance	<3 mΩ
Flamability according to UL 94	HB
Degree of protection	IP67
Housing material	Zinc die-casting
Contact material	CuZn, gold-plated
Thread material	CuZn nickel-plate
Mounting	Front installation Fastening thread M8× 0,5
Number of conductors/cross-section	0.25 mm ² (14×0.15 mm)
Conductor insulation	TPE
Storage temperature range	-40 °C ... +85 °C

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 • 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 • info@luetze.de

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Temperature range connector	-25 °C ... +85 °C
Mechanical service life	>100 insertion cycles
Cross-section, metric	0.25 mm ²
Connection type	M 8
Weight/unit	0.012 kg
PU (units)	1

Technical data

Operating voltage max.	60 V
Rated current	4 A
Pole number	3
Cable length	0.5 m
Coding	A

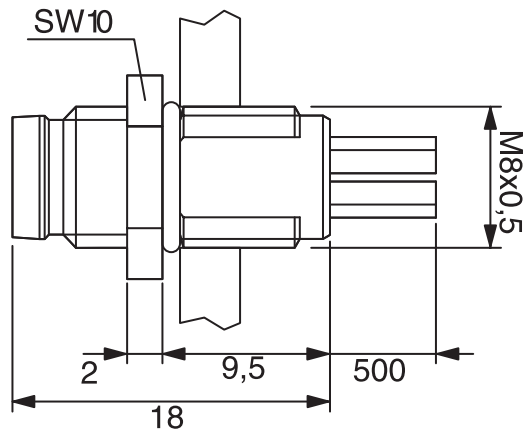
Equipment/Spare parts

Accessories	Included in the delivery: M8 lock nut
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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

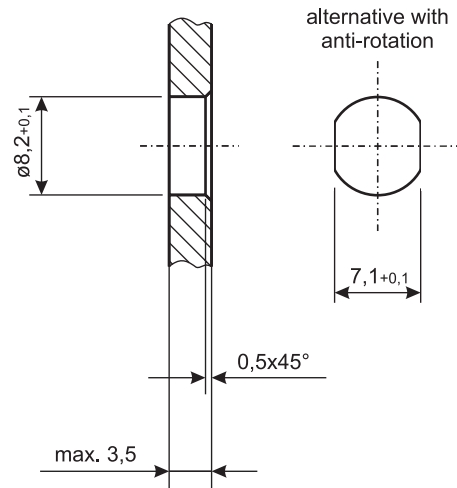


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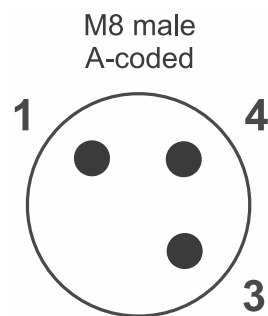
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Mounting diagram

assembling board with through bore-hole
2:1



Pin layout



Circuit diagram

