

Technical data sheet

Actuator sensor interface · M8 panel jack

M8 panel connectors using M8 fastening thread

Female

0.5 m TPE wire



Identification

Type	KUGE-M8 4pol. 0,5m Litze
Part No.	490061

Product version

Datasheet version	00
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General

Design	M 8×1 female
Form male 1	M 8 female straight
Rated insulation voltage	60 V
Test voltage	800 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
Material sealing ring	NBR
Mounting	Front installation Fastening thread M8× 0,5
Number of conductors/cross-section	0.25 mm ² (14×0.15 mm)
Conductor insulation	TPE

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Part No. [490061](#) • Datasheet version: 00

page 1 of 3

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Storage temperature range	-40 °C ... +85 °C
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	0.014 kg
PU (units)	1

Technical data

Operating voltage max.	30 V
Rated current	4 A
Pole number	4
Cable length	0.5 m
Coding	A

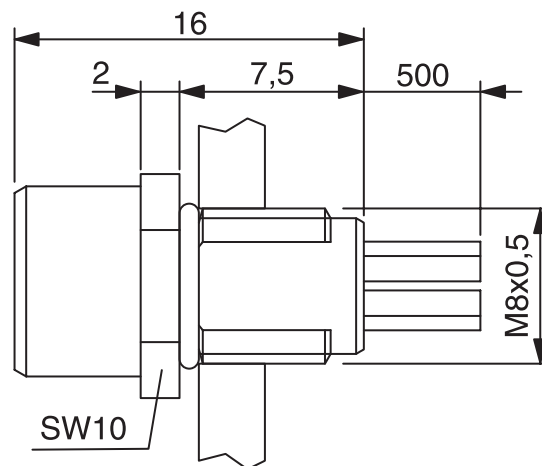
Equipment/Spare parts

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) 1/ BN (Brown) – 2/ WH (White) – 3/ BU (Blue) – 4/ BK (Black)
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Dimensions

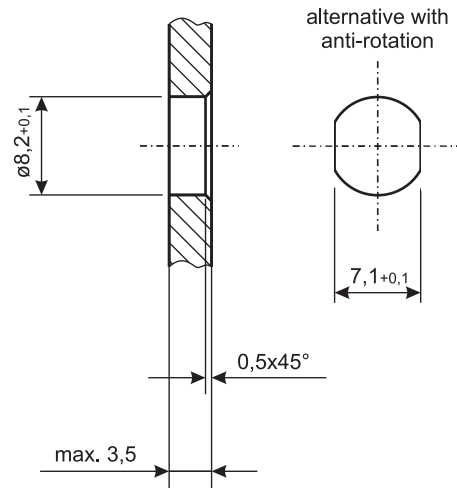


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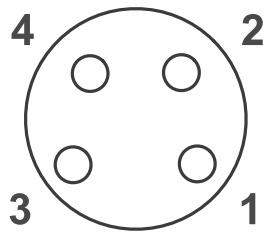
Mounting diagram

assembling board with through bore-hole
2:1



Pin layout

M8 female
A-coded



Circuit diagram

