

## Technical data sheet

Actuator sensor interface · M8 - connector

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Field wireable connector, M8 straight

Male / female

Screw terminal



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### Identification

Type KUGK-M8 3 POL. SK  
Part No. [490037](#)

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### Product version

Datasheet version 00

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### General

Design	M 8 female straight
Test voltage	1500 V
Degree of pollution	3
Insulation resistance	>10000 MΩ
Contact resistance	<3 mΩ
Flamability according to UL 94	HB
Degree of protection	IP67
Housing material	PBT
Color of the housing	black
Contact material	CuZn, gold-plated
Thread material	CuZn nickel-plate
Material sealing ring	NBR
Mounting	Breakaway torque 0.2 Nm
Cable diameter	3.5 mm – 5 mm
Storage temperature range	-40 °C ... +90 °C
Temperature range connector	-25 °C ... +85 °C

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#### 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](http://www.lutze.com) · [sales.gb@lutze.co.uk](mailto: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](http://www.luetze.de) · [info@luetze.de](mailto:info@luetze.de)

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SYSTEMATIC TECHNOLOGY

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Mechanical service life	>100 insertion cycles
Connection type	Screw terminal
	0.14 mm <sup>2</sup> – 0.5 mm <sup>2</sup>
Weight/unit	0.04 kg
PU (units)	1

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#### Technical data

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Rated voltage U <sub>N</sub>	AC/DC 24 V
Operating voltage max.	60 V
Rated current	4 A
Pole number	3

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#### Certifications/Standards

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Certifications	cULus Listed (E224249)
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#### Equipment/Spare parts

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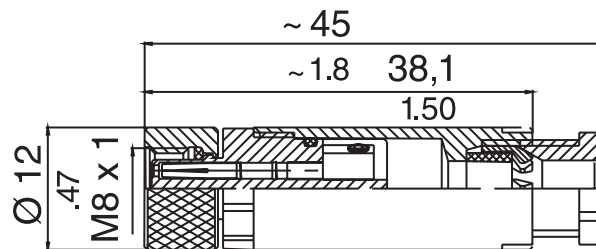
##### Accessories

##### matching cables:

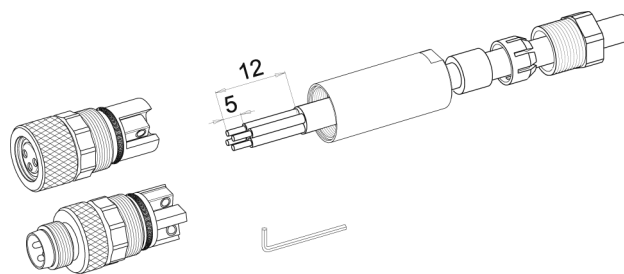
117240		SU TR AS PUR 3×0,25 UL		Jacket material: PUR
117241		SU TR AS PUR 4×0,25 UL		Jacket material: PUR
117243		SU TR AS PUR 3×0,34 UL		Jacket material: PUR
117244		SU TR AS PUR 4×0,34 UL		Jacket material: PUR

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#### Dimensions



#### Mounting diagram



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### Pin layout

