

Technical data sheet

Actuator sensor interface · M8 - connector

Field wireable connector, M8 straight

Male / female

Screw terminal



Identification

Type STGK-M8 3 POL. SK
Part No. [490035](#)

Product version

Datasheet version 00

General

Design	M 8 male 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
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
Mechanical service life	>100 insertion cycles

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SYSTEMATIC TECHNOLOGY

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Connection type	Screw terminal 0.14 mm ² – 0.5 mm ²
Weight/unit	0.04 kg
PU (units)	1

Technical data

Rated voltage U _N	AC/DC 24 V
Operating voltage max.	60 V
Rated current	4 A
Pole number	3

Certifications/Standards

Certifications	cULus Listed (E224249)
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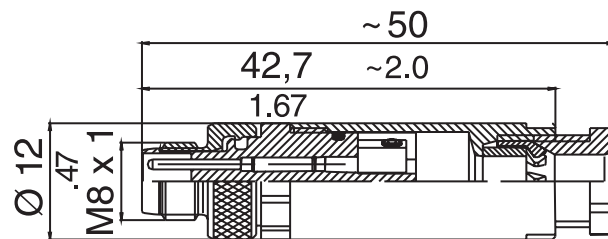
Equipment/Spare parts

Accessories

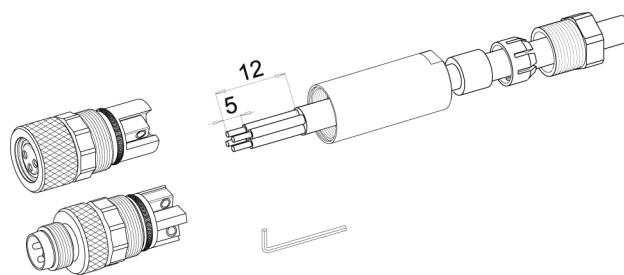
matching cables:

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

Dimensions



Mounting diagram



Pin layout

