

Technical data sheet

Actuator sensor interface · M12 - connector

Field wireable connector, M12 straight shielded

Male - A coded

Screw terminal



Identification

Type	STGK8-M12(C) 8-POL. A-cod. SK
Part No.	490054

Product version

Datasheet version	00
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General

Design	M 12 male straight
Form male 1	M 12 male straight
Test voltage	800 V
Degree of pollution	3
Insulation resistance	>10000 MΩ
Contact resistance	<3 mΩ
Flamability according to UL 94	HB
Protection class	IP67
Housing material	Zinc die-casting
Contact material	CuZn, gold-plated
Thread material	CuZn nickel-plate
Material sealing ring	NBR
Mounting	Breakaway torque 0.4 Nm
Cable diameter	6 mm – 8 mm
Storage temperature range	-40 °C ... +90 °C
Temperature range connector	-25 °C ... +85 °C

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SYSTEMATIC TECHNOLOGY

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Mechanical service life	>100 insertion cycles
Cross-section, metric	0.5 mm ²
Connection type	Screw terminal max. 0.75 mm ²
Weight/unit	0.045 kg
PU (units)	1

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Rated voltage U _N	AC/DC 24 V
Operating voltage max.	30 V
Rated current	2 A
Pole number	8
Coding	A
Shielding	360°

Certifications/Standards

Certifications	cURus (E224249)
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Accessories

Accessories

matching cables:

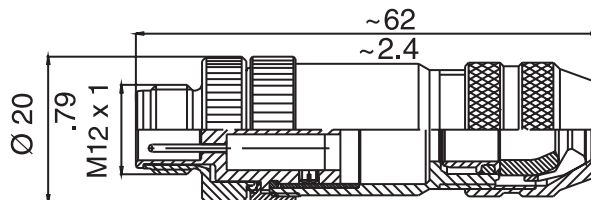
117253 | SU TR AS(C)PUR (3×0,34) UL | Jacket material: PUR

117254 | SU TR AS(C)PUR (4×0,34) UL | Jacket material: PUR

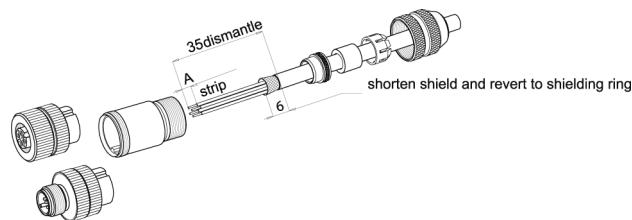
117255 | SU TR AS(C)PUR (5×0,34) UL | Jacket material: PUR

117252 | SU TR AS(C)PUR (8×0,25) UL | Jacket material: PUR

Dimensions



Mounting diagram



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Pin layout

