

Technical data sheet

Actuator sensor interface · M12 - connector

Field wireable connector, M12 straight

Female - A coded

Screw terminal



Identification

Type	KUGK-M12 5pol. SK PG7
Part No.	490012

Product version

Datasheet version	00
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General

Design	M 12 female straight
Form male 1	M 12 female straight
Rated insulation voltage	1500 V
Test voltage	1750 V
Degree of pollution	3
Insulation resistance	>10000 M Ω
Contact resistance	<3 m Ω
Flamability according to UL 94	HB
Protection class	IP67
Housing material	PA
Color of the housing	black
Color	black
Contact material	CuZn, gold-plated
Thread material	CuZn nickel-plate
Mounting	Breakaway torque 0.4 Nm
Cable diameter	4 mm – 6 mm

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SYSTEMATIC TECHNOLOGY

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Storage temperature range	-40 °C ... +90 °C
Temperature range connector	-25 °C ... +85 °C
Mechanical service life	>100 insertion cycles
Cross-section, metric	0.75 mm ²
Connection type	Screw terminal max. 0.75 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	5
Coding	A

Certifications/Standards

Certifications	cURus (E224249)
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Accessories

Accessories

matching cables:

117243 | SU TR AS PUR 3×0,34 UL | Jacket material: PUR

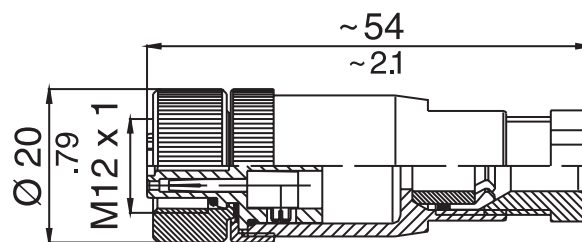
117244 | SU TR AS PUR 4×0,34 UL | Jacket material: PUR

117245 | SU TR AS PUR 5×0,34 UL | Jacket material: PUR

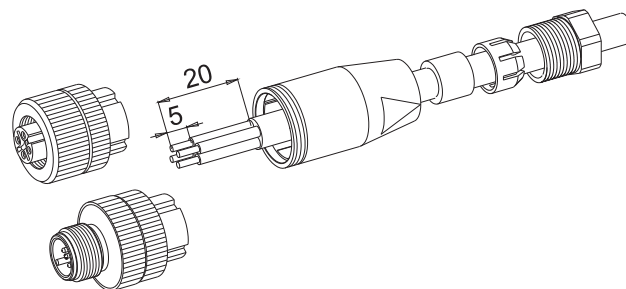
117246 | SU TR AS PUR 6×0,34 UL | Jacket material: PUR

117242 | SU TR AS PUR 8×0,25 UL | Jacket material: PUR

Dimensions



Mounting diagram



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Pin layout

