

Technical data sheet

Actuator sensor interface · M12 - connector

Field wireable connector, M12 straight

Female - A coded

Screw terminal



Identification

Type	KUGK-M12 8POL. SK PG9
Part No.	490071

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	800 V
Test voltage	910 V
Degree of pollution	3
Insulation resistance	>10000 M Ω
Contact resistance	<3 m Ω
Flamability according to UL 94	HB
Degree of protection	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	6 mm – 8 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	0.5 mm ²
Connection type	Screw terminal max. 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.	30 V
Rated current	2 A
Pole number	8
Coding	A

Certifications/Standards

Certifications	cURus (E224249)
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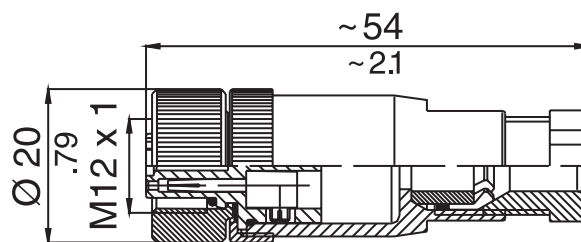
Accessories

Accessories

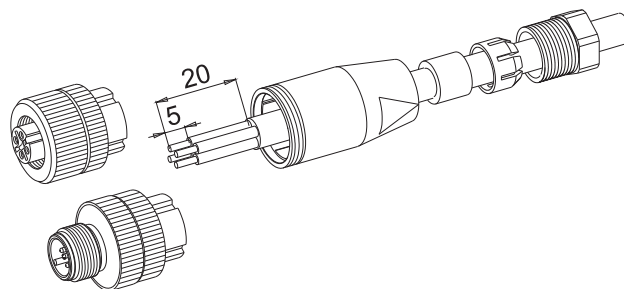
matching cables:

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

