



Identification	Type	KUGK-M12 8POL. SK PG9
	Part-No.	490071
Description	Field wireable connector, M12 straight Female - A coded Screw terminal	
Technical data		
Nominal voltage	AC/DC 24 V	
Nominal voltage range	60 V	
Rated current	2 A	
Pol number	8	
Coding	A	
General		
Form	M12 × 1, female	
Rated insulation voltage (EN 50178)	800 V	
Test voltage	910 V	
Pollution degree	3	
Insulation resistance	$>10^{10}\Omega$	
Contact resistance	$<3\text{ m}\Omega$	
Class of flammability according to UL 94	V0	

30.01.2017 – Subject to technical modification

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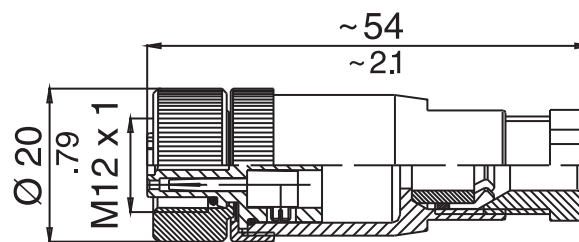
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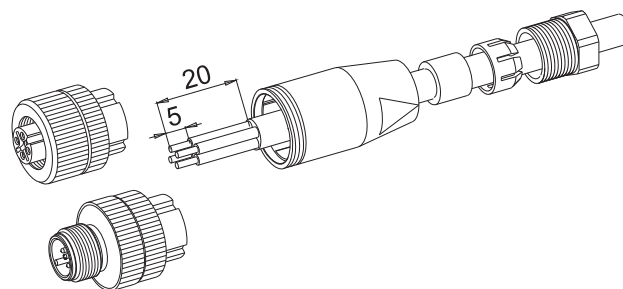
Technical data sheet - Actuator sensor interface

Protection class	IP 67, in screwed condition
Housing material	PBT black
Contact material	CuZn, gold-plated
Thread material	CuSn nickel plated
Cable diameter	6 – 8 mm
Storage temperature range	-40 °C ... 90 °C
Temperature range connector	-25 °C – 85 °C
Mechanical service life	>100 insertion cycles
Cross section	0.5
Weight (kg/piece)	0.040
Termination	Screw terminal, max. 0.5 mm ²
PU	1

Dimensions



Mounting diagram



Pin layout



Accessories	Article number	Type	Outer jacket
matching cables	117243	3×0.34	PUR
	117244	4×0.34	PUR
	117245	5×0.34	PUR
	117246	5×0.34	PUR
	117242	8×0.25	PUR

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