

M12 - connector



Identification	Type Part-No.	KUGK5-M12(C) 5-POL. A-cod. SK 490053
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Description	Field wireable connector, M12 straight shielded Male / female - A coded (CAN) Screw terminal
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Technical data	
Nominal voltage	AC/DC 24 V
Nominal voltage range	60 V
Rated current	4 A
Pol number	5
Coding	A
Shielding	360°

General	
Form	M12 × 1, female
Test voltage	1.5 kV
Pollution degree	3
Insulation resistance	$>10^{10}\Omega$
Contact resistance	$<3\text{ m}\Omega$
Class of flammability according to UL 94	HB

30.01.2017 – Subject to technical modification

Part-No. 490053

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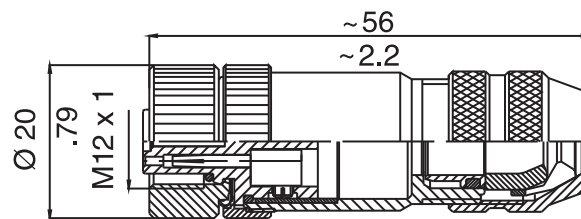


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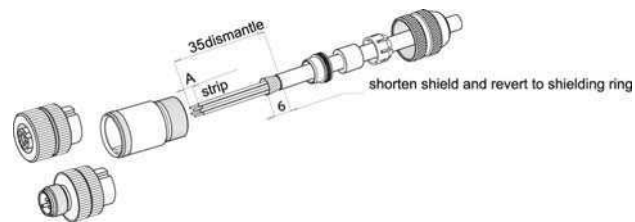
Technical data sheet - Actuator sensor interface

Protection class	IP 67, in screwed condition
Housing material	Zinc die-casting, nickel-plated
Contact material	CuZn, gold-plated
Thread material	CuSn nickel plated
Sealing ring	NBR
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	0.75
Weight (kg/piece)	0.045
Termination	Screw terminal, max. 0.75 mm ²
PU	1

Dimensions



Mounting diagram



Pin layout



Accessories	Article number	Type	Outer jacket
matching cables	117253	(3×0.34)	PUR
	117254	(4×0.34)	PUR
	117255	(5×0.34)	PUR
	117252	(8×0.25)	PUR

Comments 5-pole variant for Device Net and CAN, see bus cables

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