

M12 - connector



Identification	Type	KUGK8-M12(C) 8-POL. A-cod. SK
	Part-No.	490077

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	30 V
Rated current	2 A
Pol number	8
Coding	A
Shielding	360°

General	
Form	M12 × 1, female
Test voltage	800 V
Pollution degree	3
Insulation resistance	>10 ¹⁰ Ω
Contact resistance	<3 mΩ
Class of flammability according to UL 94	HB

30.01.2017 – Subject to technical modification

Part-No. 490077

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223
www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
www.lutze.com • sales.gb@lutze.co.uk

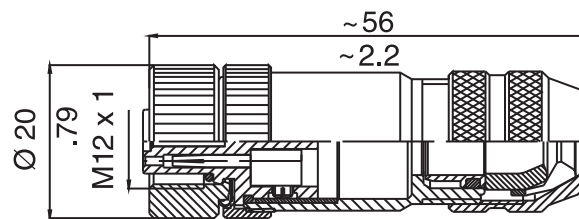


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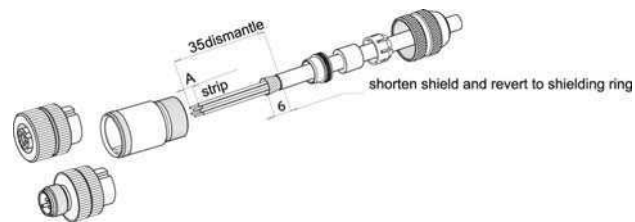
Technical data sheet - Actuator sensor interface

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	0.5
Weight (kg/piece)	0.045
Termination	Screw terminal, max. 0.5 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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