

M12 - connector



Identification	Type	STGK4-M12(C) 4-POL. D-cod. SK
	Part-No.	490074

Description	Field wireable connector, M12 straight shielded Male - D coded Cat 5e (Ethernet, Profinet) Screw terminal
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Technical data	
Nominal voltage	AC/DC 24 V
Nominal voltage range	max. 60 V
Rated current	4 A
Pol number	4
Coding	D
Shielding	360°

General	
Form	M12 × 1, male
Rated insulation voltage (EN 50178)	250 V
Test voltage	2.95 kV
Pollution degree	3
Insulation resistance	>10 ¹⁰ Ω
Contact resistance	<3 mΩ

30.01.2017 – Subject to technical modification

Part-No. 490074

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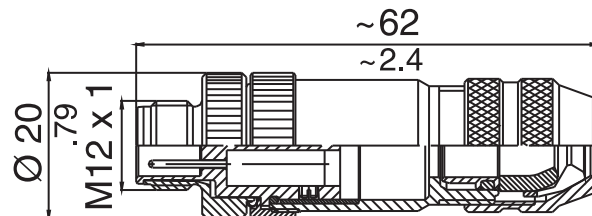


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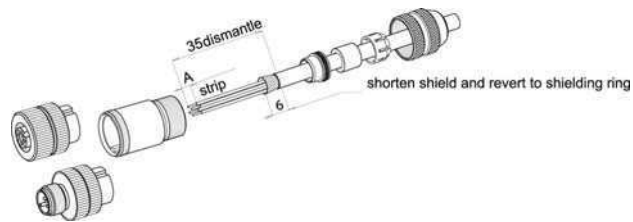
Technical data sheet - Actuator sensor interface

Class of flammability according to UL 94	HB
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	without AE: 0.25–0.75 mm ² with AE: 0.14–0.75 mm ²
Weight (kg/piece)	0.045
Termination	Screw terminal
PU	1

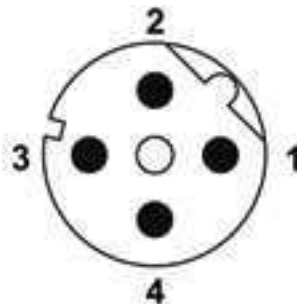
Dimensions



Mounting diagram



Pin layout



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Comments

suitable for Ethernet and Profinet, see bus cables

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