

Technical data sheet - Actuator sensor interface

M8 - connector



Identification	Type	STGK-M8 4 POL. SK
	Part-No.	490057
Description	field wireable connector, M8 straight	
	Male / female	
	Screw terminal	
Technical data		
Nominal voltage	AC/DC 24 V	
Nominal voltage range	max. 60 V	
Rated current	4 A	
Pol number	4	
General		
Form	M8 × 1, male	
Rated insulation voltage (EN 50178)	60 V	
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	V0	
Protection class	IP 67, in screwed condition	

30.01.2017 – Subject to technical modification

Part-No. 490057

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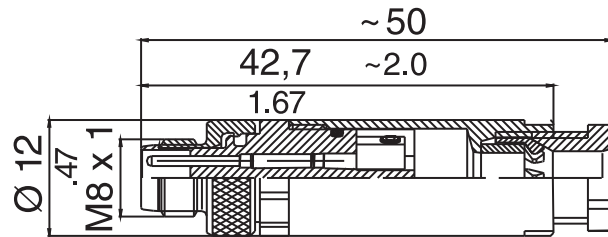


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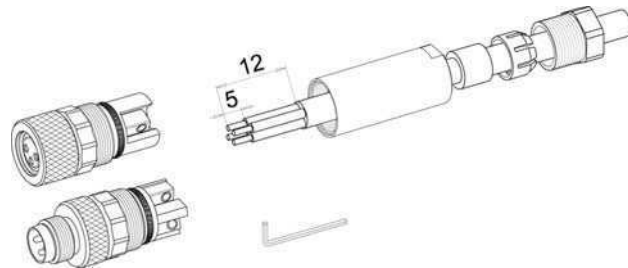
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Housing material	PBT black
Contact material	CuZn, gold-plated
Thread material	CuSn nickel plated
Cable diameter	3.5 – 5 mm
Storage temperature range	-40 °C ... 90 °C
Temperature range connector	-25 °C – 85 °C
Mechanical service life	>100 insertion cycles
Weight (kg/piece)	0.040
Termination	Screw terminal 0.14 – 0.5 mm ²
PU	1

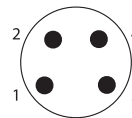
Dimensions



Mounting diagram



Pin layout



Accessories

Accessories	Article number	Type	PU
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Accessories	Article number	Type	Outer jacket
matching cables	117240	3×0.25	PUR
	117241	4×0.25	PUR
	117243	3×0.34	PUR
	117244	4×0.34	PUR

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