

Technical data sheet - Actuator sensor interface

M8 - connector



Identification	Type Part-No.	STGK-M8 3 POL. SNK 490123
Description	field wireable connector, M8 straight Male / female IDC quick-connect technology	
Technical data	Nominal voltage AC/DC 24 V Nominal voltage range max. 60 V Pol number 3	
General	Form M8 × 1, male Test voltage 1.5 kV Pollution degree 3 Insulation resistance $\geq 100 \text{ M}\Omega$ Contact resistance $\leq 5 \text{ m}\Omega$ Class of flammability according to UL 94 V0 Protection class IP 67, in screwed condition Housing material PA 6 black Contact material CuSn, gold-plated	

30.01.2017 – Subject to technical modification

Part-No. 490123

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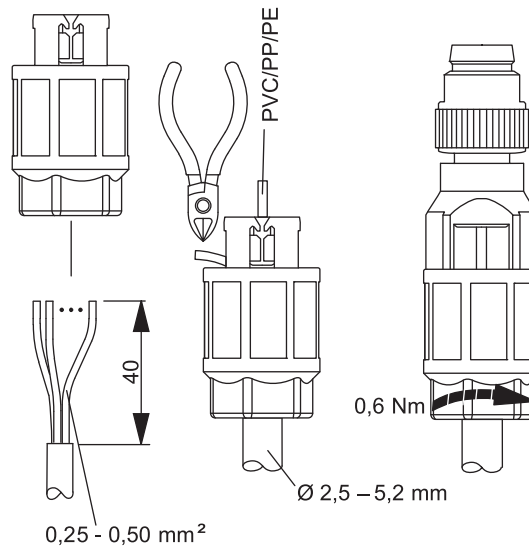


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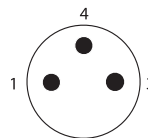
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Thread material	CuSn nickel plated
Conductor insulation	PVC / PE / PP
Cable diameter	2.5 – 5 mm
Storage temperature range	-40 °C ... 90 °C
Temperature range connector	-40 °C – 80 °C
Mechanical service life	10× connection of cables with the same gauge
Weight (kg/piece)	0.008
Termination	IDC 0.25 – 0.5 mm ² , AWG 22/24, class 2– 6
Standards	IEC 61076-2-104
PU	1

Mounting diagram



Pin layout



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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