



Identification	Type	STG5-M12/KUG5-M12/IB 1,0M PUR
	Part-No.	463210

Technical data

Nominal voltage	AC/DC 24 V
Nominal voltage range	max. 30 V
Rated current	4 A
Number of terminations	5
Cable length	1.0 m
Coding	B - invers
Shielding	360°

General

Form	M12 × 1, male - female straight
Rated insulation voltage (EN 50178)	60 V
Test voltage	1.5 kV
Pollution degree	3
Insulation resistance	$>10^9 \Omega$
Contact resistance	$< 5 \text{ m}\Omega$
Class of flammability according to UL 94	V0
Protection class	IP 65, in screwed condition
Housing material	TPU black
Contact material	CuSn, gold plated nickel

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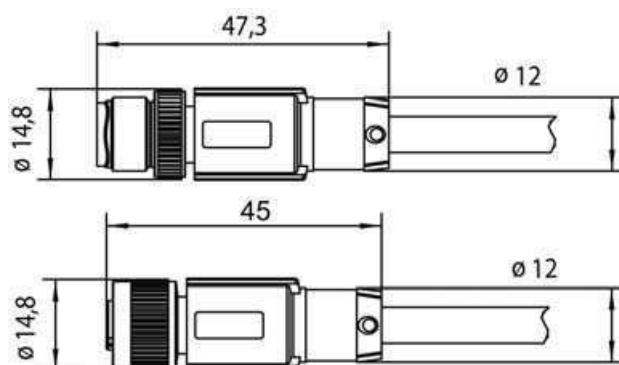
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**Systematic Technology**

Technical data sheet • Actuator sensor interface

Thread material	CuSn nickel plated
Gasket	NBR (female)
Cable construction	2 × 2 × AWG 26/7 + 2 × AWG 24/19
Cable jacket	PUR, RAL 6017 green
Conductor insulation	Shield, yellow, green, grey, pink, brown
Cable diameter	8.0 mm
Bending radius	15 x cable diameter
Storage temperature range	-40 °C–80 °C
Temperature range connector	-25 °C – 90 °C
Temperature range cable fixed	-40 °C–80 °C
Temperature range cable moving	-20 °C–70 °C
Weight (kg/piece)	0.107
Approvals	the cable is UL, CSA certified 80° 300V
PU	10

Dimensions



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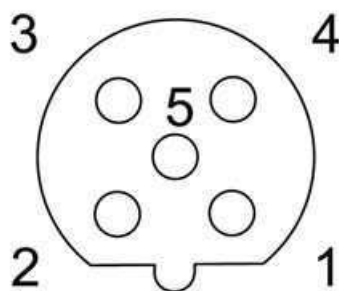
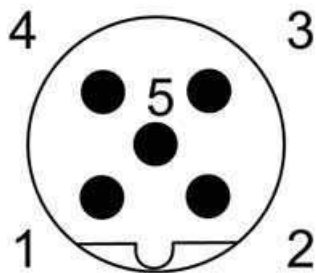
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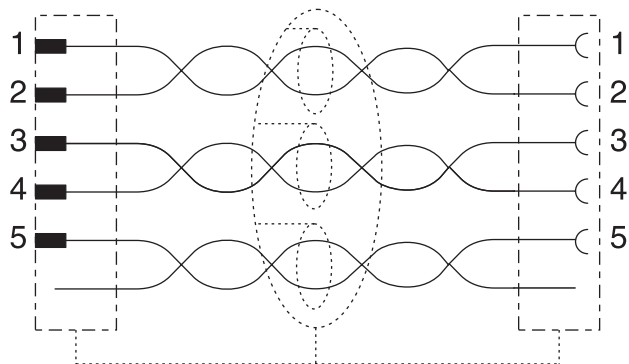
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PIN assignment



Circuit diagram



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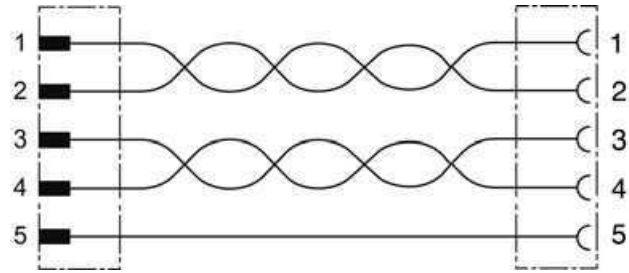
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