

## Technical data sheet - Actuator sensor interface

M8 – cables



<b>Identification</b>	Type	KUG4-M8 5,0M PUR
	Part-No.	415050
<b>Description</b>	Female M8 straight with PUR cable, open end self-locking screwed connection c-track compatible, halogen free	
<b>Technical data</b>	Rated voltage $U_N$ AC/DC 24 V	
	Rated voltage max. 30 V	
	Rated current 4 A	
	Pole number 4	
	Cable length 5.0 m	
<b>General</b>	Form male 1 M 8 Female straight	
	Form male 2 Line end open	
	Nominal insulation voltage 100 V	
	Test voltage 1500 V	
	Degree of pollution 3	
	Insulation resistance $> 1000 \text{ M}\Omega \times \text{km}$	

29.04.2017 – Subject to technical modification

Part-No. 415050

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Contact resistance	< 5 mΩ
Flamability according to UL 94	V0
Protection class	IP65/67/68
Housing material	TPU
Colour of the housing	black
Contact material	CuSn, gold-plated
Thread material	Zinc die-casting, nickel-plated
Material sealing ring	NBR
Mounting	Breakaway torque 0.2 Nm
Number of conductors/cross-section	4 × 0.25 mm <sup>2</sup> (32 × 0.1)
Number of conductors	4
Conductor color	black, blue, brown
Jacket material	PUR
Jacket color	black
Conductor insulation	PP
Outer Ø	4.4 mm
Bending radius	10 × D
Minimum bending radius moving	10×D
Storage temperature range	-30 °C ... +90 °C
Temperature range connector	-25 °C ... +90 °C
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-25 °C ... +80 °C
Weight	0.160 kg/piece
Approvals	cULus
PU	1 Quantity

### C-track chain properties

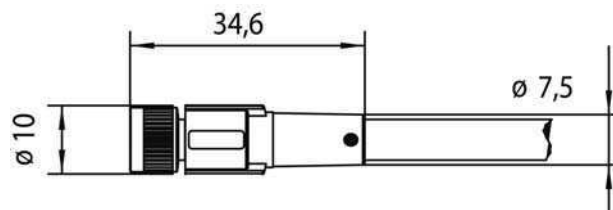
Conduction properties (TYPE A+B+C)

Type B

PUR halogen free for extreme demands

- Very good chemical stability
- Very resistant to oils and lubricants
- Very high abrasion resistance
- Halogen free
- Silicone free, free of paint wetting impairment substances
- Resistant to microbes and hydrolysis
- Good UV stability

### Dimensions



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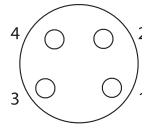
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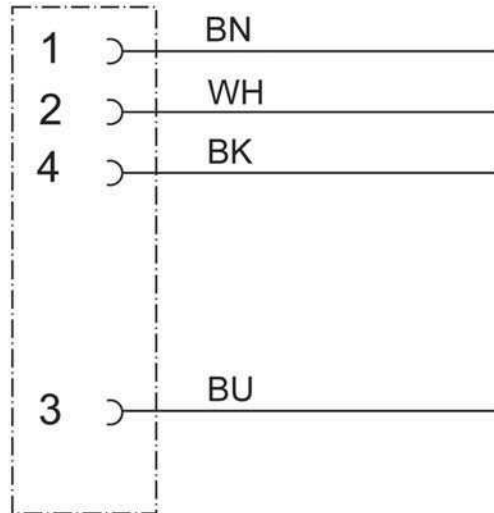
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## PIN assignment



## Circuit diagram



## Symbols



### Accessories

Torque setting tool M 8

### Part No.

490090

### Type

DM-SET M8

### PU

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