

## Technical data sheet - Actuator sensor interface

M8 – cables



<b>Identification</b>	Type	KUG4-M8(C) 2,0M PUR
	Part-No.	458402
<b>Description</b>	Female M8 straight with PUR cable, shielded 360°, 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 2.0 m	
	Shielding 360°	
<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	

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Part-No. 458402

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Insulation resistance	> 1000 M $\Omega$ × km
Contact resistance	< 5 m $\Omega$
Flamability according to UL 94	V0
Protection class	IP65/67
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 $\varnothing$	5.0 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	0.090 kg/piece
Approvals	cULus
PU	1 Quantity

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### C-track chain properties

	Type B
Conduction properties (TYPE A+B+C)	PUR halogen free for extreme demands <ul style="list-style-type: none"><li>• Very good chemical stability</li><li>• Very resistant to oils and lubricants</li><li>• Very high abrasion resistance</li><li>• Halogen free</li><li>• Silicone free, free of paint wetting impairment substances</li><li>• Resistant to microbes and hydrolysis</li><li>• Good UV stability</li></ul>

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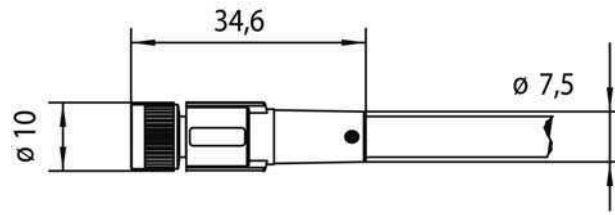
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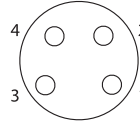
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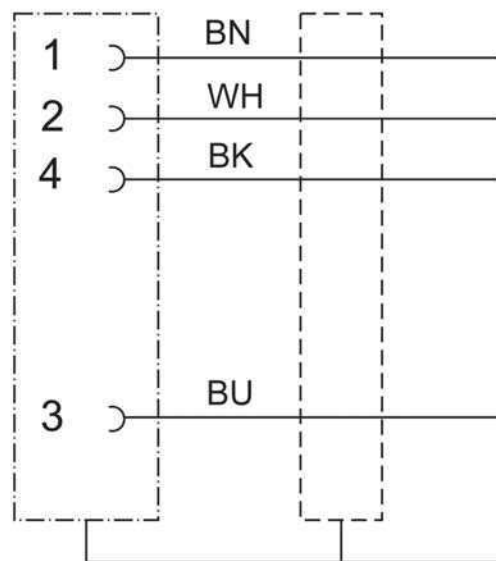
## Dimensions



## PIN assignment



## Circuit diagram



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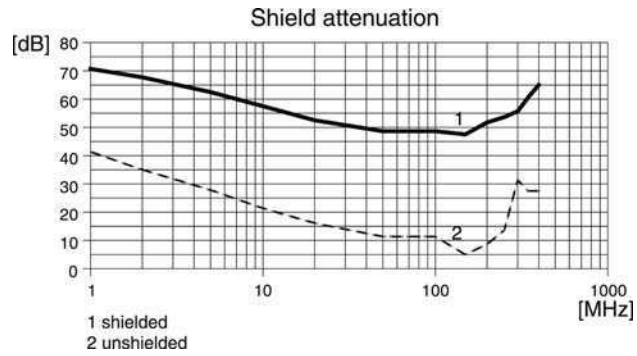
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## Action chart



## Symbols



## Accessories

Torque setting tool M 8

## Part No.

490090

## Type

DM-SET M8

## PU

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