

## Technical data sheet - Actuator sensor interface

M12 - cables



<b>Identification</b>	Type	KUW5-M12(C) 5m PUR
	Part-No.	456805
<b>Description</b>	Female M12 angled 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.	60 V	
Rated current	4 A	
Pole number	5	
Cable length	5.0 m	
Coding	A	
Shielding	360°	
<b>General</b>		
Form male 1	M 12 Female angle connector	
Form male 2	Line end open	
Nominal insulation voltage	63 V	
Test voltage	1500 V	

29.04.2017 – Subject to technical modification

Part-No. 456805

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Degree of pollution	3
Insulation resistance	> 1000 MΩ × km
Contact resistance	< 5 mΩ
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 0.4 Nm
Number of conductors/cross-section	5 × 0.34 mm <sup>2</sup> (42 × 0.1)
Number of conductors	5
Jacket material	PUR
Jacket color	black
Conductor insulation	PP
Outer Ø	5.9 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	0.300 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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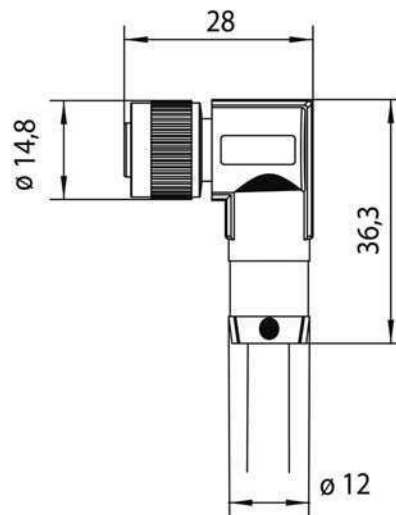
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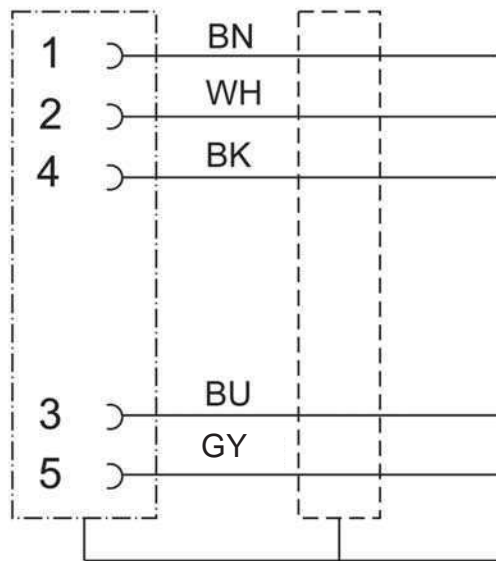
## Dimensions



## PIN assignment



## Circuit diagram



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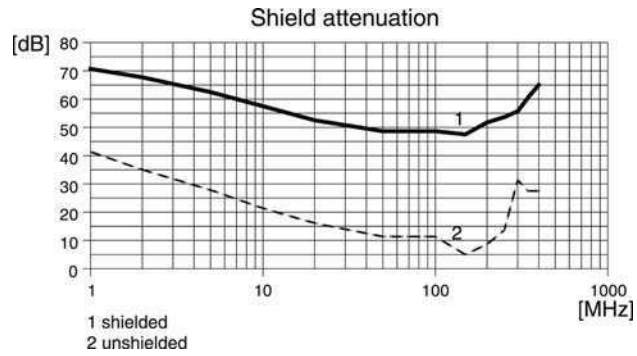
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## Action chart



## Symbols



## Accessories

Torque setting tool M 12

## Part No.

490091

## Type

DM-SET M12

## PU

1

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