

## Technical data sheet · Actuator sensor interface

M8 – cables



<b>Identification</b>	Type	KUG4-M8 2,0M PUR
	Part-No.	415020
<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	2.0 m	
<b>General</b>		
Form male 1	M 8 female straight	
Form male 2	line end open	
Rated insulation voltage	100 V	
Test voltage	1500 V	
Degree of pollution	3	
Contact resistance	< 5 m $\Omega$	

30.07.2020 – Subject to technical modification

Part-No. 415020

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA  
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223  
www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park  
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU  
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2  
www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY

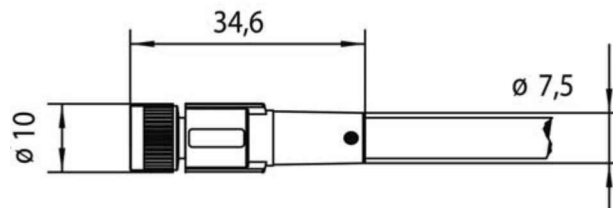
## Technical data sheet · Actuator sensor interface

Flamability according to UL 94	V0
Protection class	IP65/67/68
Housing material	TPU
Color 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
Cable diameter	3.9 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	0.070 kg/piece
Certifications	cULus (E224249)
PU	1 piece

### 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



30.07.2020 – Subject to technical modification

Part-No. 415020

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA

Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223

www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park

Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU

Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2

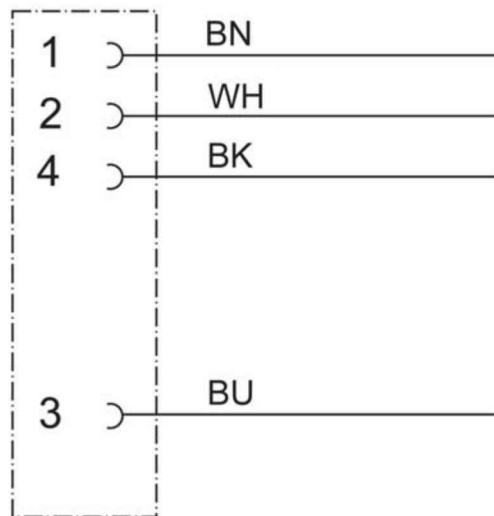
www.lutze.com • sales.gb@lutze.co.uk



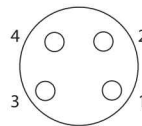
SYSTEMATIC TECHNOLOGY

# Technical data sheet · Actuator sensor interface

## Circuit diagram



## Pin layout



## Logo



## Accessories

**Torque setting tool M 8:** Part-No. 490090 | DM-SET M8 | PU: 1 unit

30.07.2020 – Subject to technical modification

Part-No. 415020

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA

Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223

www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park

Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU

Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2

www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY