



<b>Identification</b>	Type	KUG4-M12 10M PUR
	Part-No.	466100
<b>Description</b>	Female M12 straight with PUR cable, open end self-locking screwed connection c-track compatible, halogen free	
<b>Technical data</b>		
Nominal voltage	AC/DC 24 V	
Nominal voltage range	max. 250 V	
Rated current	4 A	
Number of terminations	4	
Cable length (m)	10.0 m	
Coding	A	
<b>General</b>		
Form	M12 × 1, female straight	
Rated insulation voltage (EN 50178)	250 V	
Test voltage	2.5 kV	
Pollution degree	3	
Insulation resistance	$>10^9 \Omega$	
Contact resistance	$<5 \text{ m}\Omega$	

10.08.2014 – Subject to technical modification

Part-No. 466100

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



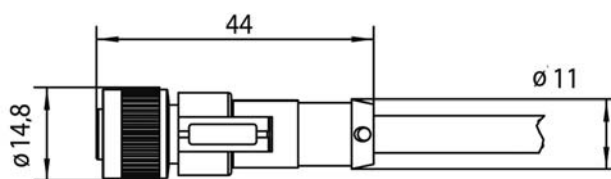
## Technical data sheet • Actuator sensor interface

Class of flammability according to UL 94	V0
Protection class	IP IP65/IP67/IP68
Housing material	TPU black
Contact material	CuSn, gold plated nickel
Thread material	Zinc die-casting, nickel-plated
Cable construction	4 × 0.34 mm <sup>2</sup> (42 × 0.1)
Cable jacket	PUR black
Conductor insulation	PP
Cable diameter	4.7 mm
Bending radius	10 × cable diameter
Storage temperature range	-30 °C – 90 °C
Temperature range connector	-25 °C – 90 °C
Temperature range cable fixed	-40 °C – 80 °C
Temperature range cable moving	-25 °C – 80 °C
Weight (kg/piece)	0.400
Approvals	cULus
PU	10
C-track chain properties	Type B

### C-track chain properties

C-track chain properties	Type A	Type B	Type C
Bending cycles min.	5 million	4 million	2 million
Minimum bending radius	10 × D	10 × D	10 × D
Travel distance	10 m	10 m	5 m
Acceleration	7 m/s <sup>2</sup>	10 m/s <sup>2</sup>	5 m/s <sup>2</sup>
Speed	3 m/s	3 m/s	3 m/s
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>		

### Dimensions



### PIN assignment



10.08.2014 – Subject to technical modification

Part-No. 466100

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

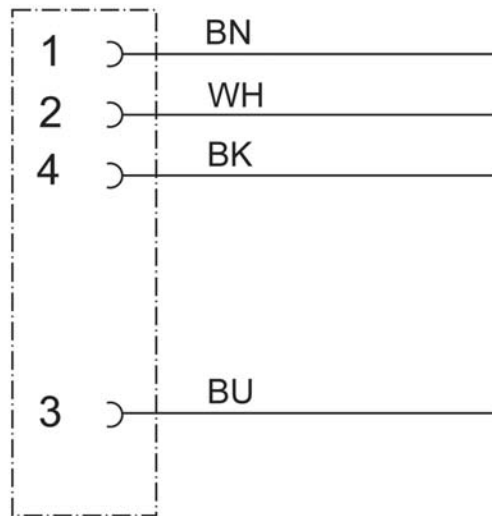
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2

www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY

**Circuit diagram**



**Logo**



**Accessories**

Accessories	Article number	Type	PU
Cable markers 4×23mm	499988	LB M8/M12	5
Torque setting tool M12	490091	DM-SET M12	1

10.08.2014 – Subject to technical modification

Part-No. 466100

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