



Identification	Type	STG5-M12/KUG5-M12/DN 1,5M-PUR
	Part-No.	496915

Description	Male-female M12 straight with PUR cable, shielded 360° self-locking screwed connection c-track compatible, halogen free
--------------------	---

Technical data	
Nominal voltage	AC/DC 24 V
Nominal voltage range	max. 30 V
Rated current	4 A
Pol number	5
Cable length (m)	1.5 m
Cable length	1.5 m
Coding	A
Shielding	360°

General	
Form	M12 × 1, male - female straight
Rated insulation voltage (EN 50178)	60 V
Test voltage	1.5 kV
Pollution degree	3

30.01.2017 – Subject to technical modification

Part-No. 496915

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

Insulation resistance	>10 ⁹ Ω
Contact resistance	< 5 mΩ
Class of flammability according to UL 94	V0
Protection class	IP IP65/IP67
Housing material	TPU black
Contact material	CuSn, gold plated nickel
Thread material	Zinc die-casting, nickel-plated
Sealing ring	NBR (female)
Cable construction	2 × AWG 22/19 + 2 × AWG 24/19 + Drainwire AWG 22/19
Cable jacket	PUR, RAL 4001 violet
Conductor insulation	PE
Cable diameter	6.7 mm
Bending radius	15 x cable diameter
Storage temperature range	-40 °C ... 90 °C
Temperature range connector	-25 °C – 90 °C
Temperature range cable fixed	-40 °C – 80 °C
Temperature range cable moving	-20 °C – 75 °C
Weight (kg/piece)	0.125
Approvals	the cable is UL, CSA certified 80° 300V
PU	1
C-track chain properties	Type A

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 ²	10 m/s ²	5 m/s ²
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">• 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		

30.01.2017 – Subject to technical modification

Part-No. 496915

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

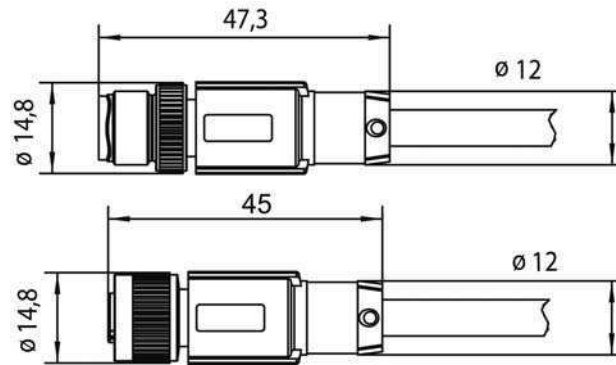
www.lutze.com • sales.gb@lutze.co.uk



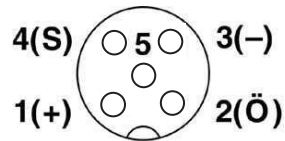
SYSTEMATIC TECHNOLOGY

Technical data sheet · Actuator sensor interface

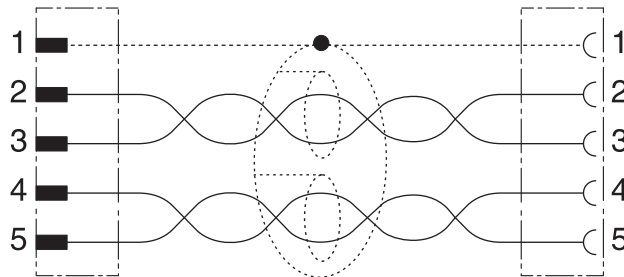
Dimensions



PIN assignment



Circuit diagram



30.01.2017 – Subject to technical modification

Part-No. 496915

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

Symbols



Accessories

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

30.01.2017 – Subject to technical modification

Part-No. 496915

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