



Identification	Type	STG8-M12/KUG8-M12(C)1,5M PUR
	Part-No.	459115

Technical data

Nominal voltage	AC/DC 24 V
Nominal voltage range	max. 30 V
Rated current	2 A
Number of terminations	8
Cable length	1.5 m
Coding	A
Shielding	360°

General

Form	M12 × 1, male straight / M12 × 1, female straight
Rated insulation voltage (EN 50178)	36 V
Test voltage	1.5 kV
Pollution degree	3
Insulation resistance	>10 ⁹ Ω
Contact resistance	<5 mΩ
Class of flammability according to UL 94	V0
Protection class	IP 67, in screwed condition
Housing material	TPU black
Contact material	CuSn, gold plated nickel

03.10.2009 – Subject to technical modification

Part-No. 459115

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

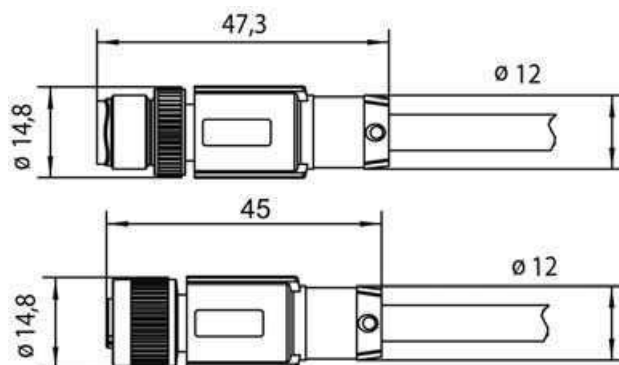


Systematic Technology

Technical data sheet • Actuator sensor interface

Thread material	CuSn nickel plated
Gasket	NBR
Cable construction	8 × 0.25 mm ² (32 × 0.1)
Cable jacket	PUR, RAL 9001 black
Conductor insulation	PVC coloured
Cable diameter	5.9 mm
Bending radius	15 x cable diameter
Storage temperature range	-30 °C–90 °C
Temperature range connector	-25 °C – 90 °C
Temperature range cable fixed	-25 °C–80 °C
Temperature range cable moving	-5 °C–80 °C
Weight (kg/piece)	0.110
Approvals	cULus
PU	10

Dimensions



03.10.2009 – Subject to technical modification

Part-No. 459115

USA: LUTZE INC.

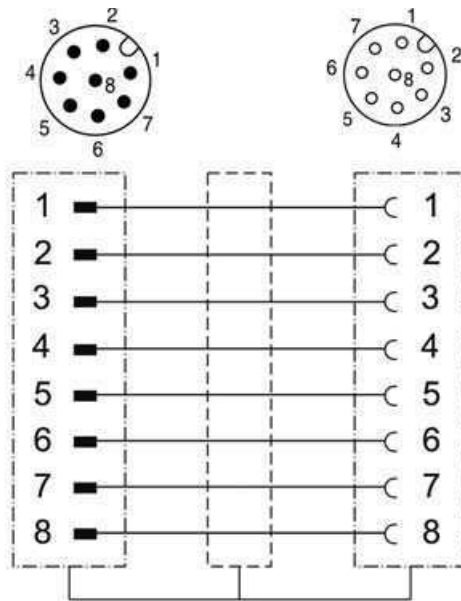
13330 South Ridge Drive • Charlotte, NC 28273, USA
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223
www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

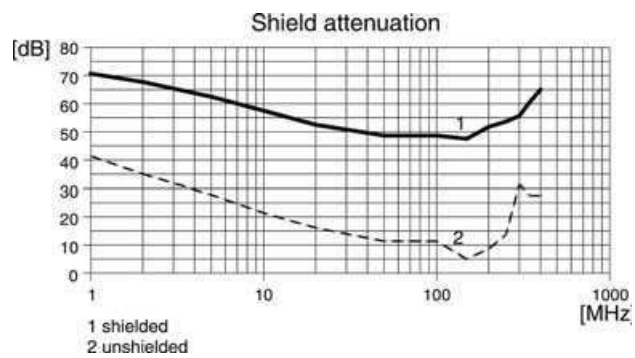
Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
www.lutze.com • sales.gb@lutze.co.uk

Technical data sheet • Actuator sensor interface

PIN assignment



Action chart



Logo



03.10.2009 – Subject to technical modification

Part-No. 459115

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