



Identification	Type	KUGK8-M12(C) 8pol. X-kod. Cat.6A
	Part-No.	490168

Description	Field wireable connector, M12 straight shielded Female - X coded Cat 6 _A (Ethernet, Profinet) IDC method of termination
--------------------	--

Technical data	
Nominal voltage	DC 50 V
Rated current	0.6 A
Pol number	8
Category	Cat 6 _A
Coding	X
Shielding	360°

General	
Form	M12 × 1
Pollution degree	3
Insulation resistance	100 MΩ
Class of flammability according to UL 94	V0
Protection class	IP 65/67
Housing material	Zinc die-casting, nickel-plated

30.01.2017 – Subject to technical modification

Part-No. 490168

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.

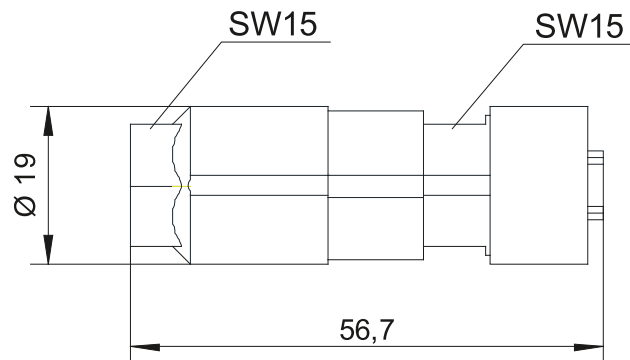
Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
www.lutze.com • sales.gb@lutze.co.uk



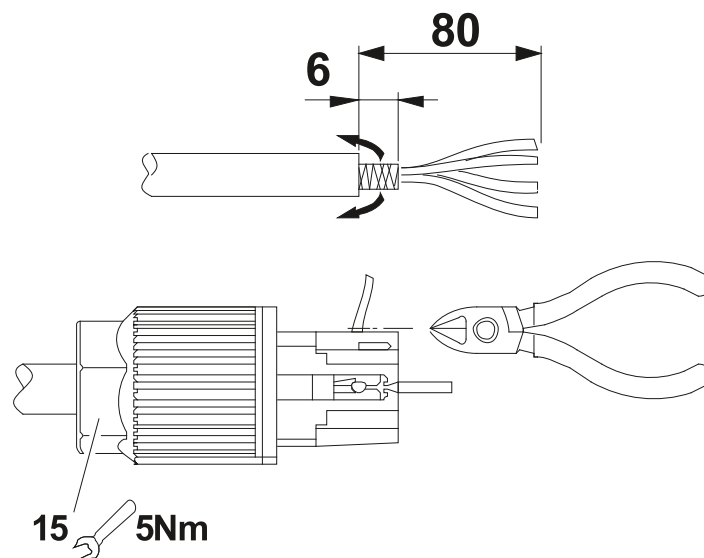
Technical data sheet - Actuator sensor interface

Contact material	CuZn, gold-plated
Sealing ring	NBR
Cable diameter	5 – 9.7 mm
Temperature range connector	-40 °C – 85 °C
Mechanical service life	>100 insertion cycles
Cross section	AWG26-22
Weight (kg/piece)	0.022
Termination	Insulation displacement connection technology
PU	1

Dimensions



Mounting diagram



30.01.2017 – Subject to technical modification

Part-No. 490168

USA: LUTZE INC.

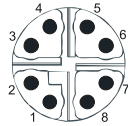
13330 South Ridge Drive • Charlotte, NC 28273, USA
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223
www.lutze.com • info@lutze.com

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 layout



30.01.2017 – Subject to technical modification

Part-No. 490168

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