



Identification	Type	KUGK-M12 4POL SNK
	Part-No.	490029

Description	field wireable connector, M12 straight Male / female - A coded Fast connection method, IDC method of termination
--------------------	--

Technical data	
Nominal voltage	AC/DC 24 V
Nominal voltage range	250 V
Rated current	4 A
Number of terminations	4
Coding	A
Contact resistance	<5 mΩ

General	
Form	M12 × 1, female
Rated insulation voltage (EN 50178)	300 V
Test voltage	2.5 kV
Pollution degree	3
Insulation resistance	>10 ⁹ Ω
Contact resistance	<5 mΩ

14.11.2013 – Subject to technical modification

Part-No. 490029

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.

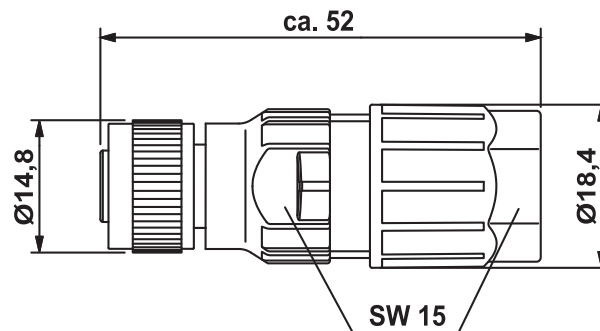
Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
www.lutze.com • sales.gb@lutze.co.uk



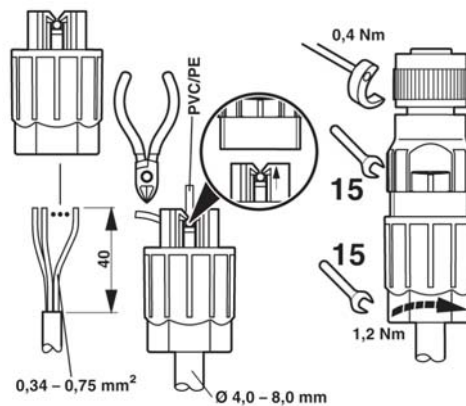
Technical data sheet - Actuator sensor interface

Class of flammability according to UL 94	V0
Protection class	67, in screwed condition
Housing material	PBT black
Contact material	CuZn, gold-plated
Thread material	CuSn nickel plated
Gasket	NBR
Cable diameter	4 – 7.5 mm
Storage temperature range	-40 °C – 90 °C
Temperature range connector	-25 °C – 80 °C
Class of flammability according to UL 94	V0
Mechanical service life	>100 insertion cycles
Cross section	0.34–0.75 mm ²
Weight (kg/piece)	0.030
Termination	IDC method of termination
PU	1

Dimensions



Mounting diagram



14.11.2013 – Subject to technical modification

Part-No. 490029

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

Pin layout



14.11.2013 – Subject to technical modification

Part-No. 490029

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