



Identification	Type Part-No.	STGK5-M12(C) 5-POL. B-cod. SK 490072
-----------------------	------------------	---

Description	Field wireable connector, M12 straight shielded Male / female - B coded (Profibus, Interbus) Screw terminal
--------------------	---

Technical data	
Nominal voltage	AC/DC 24 V
Nominal voltage range	max. 60 V
Rated current	4 A
Pol number	5
Coding	B
Shielding	360°

General	
Form	M12 × 1, male
Test voltage	1.5 kV
Pollution degree	3
Insulation resistance	>10 ¹⁰ Ω
Contact resistance	<3 mΩ
Class of flammability according to UL 94	HB

30.01.2017 – Subject to technical modification

Part-No. 490072

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.

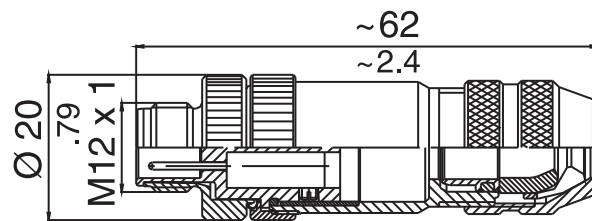
Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
www.lutze.com • sales.gb@lutze.co.uk



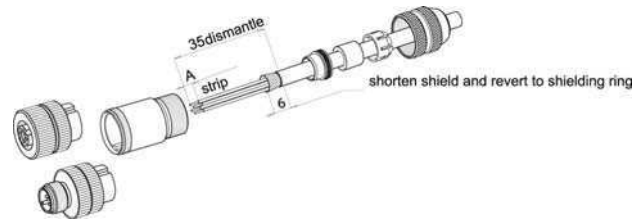
Technical data sheet - Actuator sensor interface

Protection class	IP 67, in screwed condition
Housing material	Zinc die-casting, nickel-plated
Contact material	CuZn, gold-plated
Thread material	CuSn nickel plated
Sealing ring	NBR
Cable diameter	6 – 8 mm
Storage temperature range	-40 °C ... 90 °C
Temperature range connector	-25 °C – 85 °C
Mechanical service life	>100 insertion cycles
Cross section	max. 0.75 mm ²
Weight (kg/piece)	0.040
Termination	Screw terminal
PU	1

Dimensions



Mounting diagram



30.01.2017 – Subject to technical modification

Part-No. 490072

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

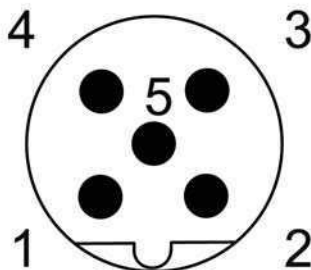
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2

www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY

Pin layout



Comments

suitable for Profibus and Interbus, see bus cables

30.01.2017 – Subject to technical modification

Part-No. 490072

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