

## Technical data sheet

Actuator sensor interface · M12 - connector

---

Field wireable connector, M12 straight

Male - A coded

Screw terminal



---

### Identification

Type	STGK M12 5 POL. SK PG7
Part No.	<a href="#">490018</a>

---

### Product version

Datasheet version	00
-------------------	----

---

### General

Design	M 12 male straight
Form male 1	M 12 male straight
Rated insulation voltage	1500 V
Test voltage	1750 V
Degree of pollution	3
Insulation resistance	>10000 MΩ
Contact resistance	<3 mΩ
Flamability according to UL 94	HB
Degree of protection	IP67
Housing material	PA
Color of the housing	black
Color	black
Contact material	CuZn, gold-plated
Thread material	CuZn nickel-plate
Mounting	Breakaway torque 0.4 Nm
Cable diameter	4 mm – 6 mm

---

#### 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

#### Germany: Friedrich Lütze GmbH

Postfach 12 24 (PLZ 71366) • Bruckwiesenstraße 17-19 • D-71384 Weinstadt  
Tel. +49 (0)7151 6053-0 • Fax +49 (0)7151 6053-277(-288)  
www.luetze.de • info@luetze.de

21.04.2022 • Subject to technical modification

Part No. [490018](#) • Datasheet version: 00

page 1 of 3



SYSTEMATIC TECHNOLOGY

## Technical data sheet

### Actuator sensor interface · M12 - connector

---

Storage temperature range	-40 °C ... +90 °C
Temperature range connector	-25 °C ... +85 °C
Mechanical service life	>100 insertion cycles
Cross-section, metric	0.75 mm <sup>2</sup>
Connection type	Screw terminal max. 0.75 mm <sup>2</sup>
Weight/unit	0.04 kg
PU (units)	1

---

#### Technical data

---

Rated voltage U <sub>N</sub>	AC/DC 24 V
Operating voltage max.	250 V
Rated current	4 A
Pole number	5
Coding	A

---

#### Certifications/Standards

---

Certifications	cURus (E224249)
----------------	-----------------

---

#### Accessories

---

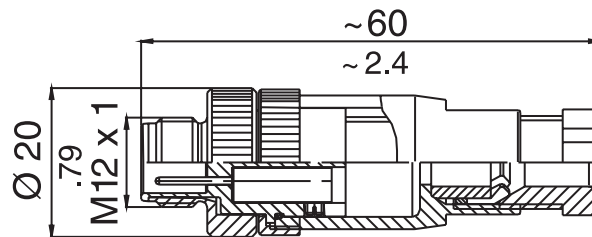
##### Accessories

##### matching cables:

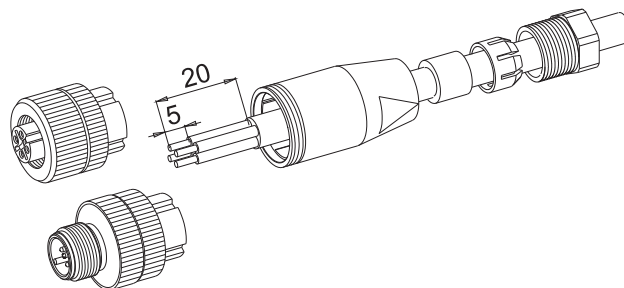
117243	SU TR AS PUR 3×0,34 UL	Jacket material: PUR
117244	SU TR AS PUR 4×0,34 UL	Jacket material: PUR
117245	SU TR AS PUR 5×0,34 UL	Jacket material: PUR
117246	SU TR AS PUR 6×0,34 UL	Jacket material: PUR
117242	SU TR AS PUR 8×0,25 UL	Jacket material: PUR

---

#### Dimensions



#### Mounting diagram



## Technical data sheet

Actuator sensor interface · M12 - connector

---

### Pin layout

