

## Technical data sheet

Actuator sensor interface · Network cables Ethernet

---

**Male RJ45 straight to male RJ45 straight with PUR cable shielded 360°, Cat.5e**  
**C-track compatible, halogen free**



---

### Identification

---

Type STG8-RJ45/STG8-RJ45/ET PUR 1,0M  
Part No. [192017.0100](#)

---

### Product version

---

Datasheet version 00

---

### Technical data

---

Number of conductors/cross-section	(4×2×AWG26/19)
Form male 1	RJ45 male straight
Form male 2	RJ45 male straight
Pole number	8
Category	Cat.5e
Number of conductors	8
Cable diameter	6.7 mm
Cable length	1 m
Operating voltage max.	50 V
Rated current	1.5 A
Test voltage type	1000 V
Insulation resistance at 20 °C	≥1000 MΩ×km
Contact resistance	<20 mΩ
Degree of protection	IP20
Shielding	360°
Temperature range connector	-25 °C ... +85 °C
Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-30 °C ... +70 °C
Minimum bending radius fixed	6×D

---

#### 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](http://www.lutze.com) · [sales.gb@lutze.co.uk](mailto: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](http://www.luetze.de) · [info@luetze.de](mailto:info@luetze.de)

12.07.2022 · Subject to technical modification  
Part No. [192017.0100](#) · Datasheet version: 00

## Technical data sheet

### Actuator sensor interface · Network cables Ethernet

---

Minimum bending radius moving 12×D

---

#### Construction

---

Number of conductors/cross-section (4×2×AWG26/19)  
Number of conductors 8  
Conductor marking Twisted pair  
• white/orange • orange •  
• white/green • green •  
• white/blue • blue •  
• white/brown • brown •  
Conductor insulation TPE-O  
Jacket material PUR  
Jacket color green RAL 6018

---

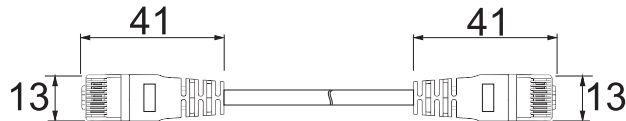
#### General

---

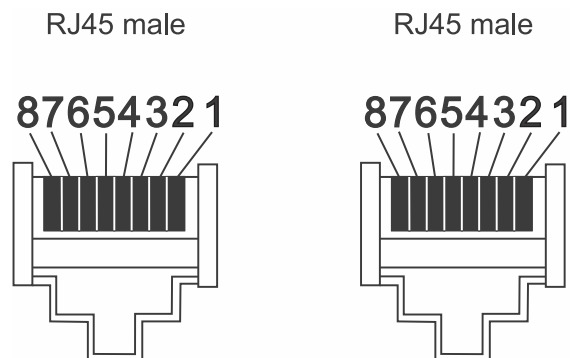
Housing material PA  
Color of the housing black  
Contact material CuSn, gold-plated  
Weight/unit 0.066 kg  
PU (units) 1  
Note CE These products are in conformity with the EU Low Voltage Directive 2014/35/EU

---

#### Dimensions



#### Pin layout



# Technical data sheet

## Actuator sensor interface · Network cables Ethernet

### Circuit diagram

