

Technical data sheet

Actuator sensor interface · Network cables PROFINET

Male RJ45 straight to male M12 straight with PUR cable shielded 360°
Cat.5e, D-coded, self-locking screw connection
C-track compatible, halogen free



Identification

Type STG4-RJ45/STG4-M12/PN PUR 20,0M
Part No. [192013.2000](#)

Product version

Datasheet version 00

Technical data

Number of conductors/cross-section	(2×2×AWG22/7)
Form male 1	RJ45 male straight
Form male 2	M 12 male straight
Pole number	4
Category	Cat.5
Number of conductors	4
Cable diameter	6.5 mm
Cable length	20 m
Rated voltage U_N	DC 24 V
Operating voltage max.	50 V
Rated current	1.5 A
Test voltage type	1000 V
Insulation resistance at 20 °C	$\geq 1000 \text{ M}\Omega \times \text{km}$
Contact resistance	$< 20 \text{ m}\Omega$
Degree of protection	IP20
Coding	D
Shielding	360°
Temperature range connector	-25 °C ... +85 °C

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

12.07.2022 · Subject to technical modification
Part No. [192013.2000](#) · Datasheet version: 00

page 1 of 3



SYSTEMATIC TECHNOLOGY

Technical data sheet

Actuator sensor interface · Network cables PROFINET

Temperature range fixed	-40 °C ... +80 °C
Temperature range moving	-30 °C ... +70 °C
Minimum bending radius fixed	6×D
Minimum bending radius moving	12×D
Mounting	Breakaway torque 0.4 Nm

Construction

Number of conductors/cross-section	(2×2×AWG22/7)
Number of conductors	4
Conductor marking	yellow · orange · white · blue
Conductor insulation	TPE-O
Jacket material	PUR
Jacket color	green RAL 6018

General

Housing material	TPU, PA
Color of the housing	black
Contact material	CuSn, gold-plated
Thread material	Zinc die-casting, nickel-plated
Mounting	Breakaway torque 0.4 Nm
Weight/unit	1.224 kg
PU (units)	1
Note	CE These products are in conformity with the EU Low Voltage Directive 2014/35/EU

Equipment/Spare parts

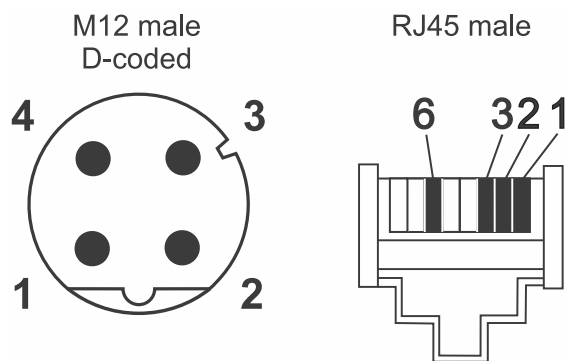
Accessories

Torque setting tool M 12: Part-No. 490091 | DM-SET M12 | PU: 1 unit

Dimensions



Pin layout



Technical data sheet

Actuator sensor interface · Network cables PROFINET

Circuit diagram

