

Technical data sheet

Actuator sensor interface · Network cables Ethernet

**Male RJ45 straight to male RJ45 straight with PVC cable shielded, Cat 5e
8-pin**



Identification

Type STG8-RJ45/STG8-RJ45/ET PVC 1,0M
Part No. [192018.0100](#)

Product version

Datasheet version 00

Technical data

Number of conductors/cross-section	(4×2×AWG26/7)
Form male 1	RJ45 male straight
Form male 2	RJ45 male straight
Pole number	8
Category	Cat.5e
Number of conductors	8
Cable diameter	6.3 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	-30 °C ... +70 °C
Temperature range moving	-5 °C ... +70 °C
Minimum bending radius fixed	6×D

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Minimum bending radius moving 12×D

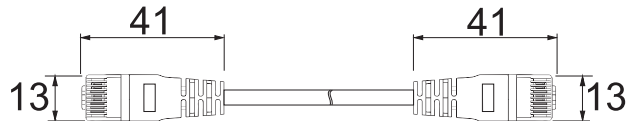
Construction

Number of conductors/cross-section (4×2×AWG26/7)
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 PVC
Jacket color green RAL 6018

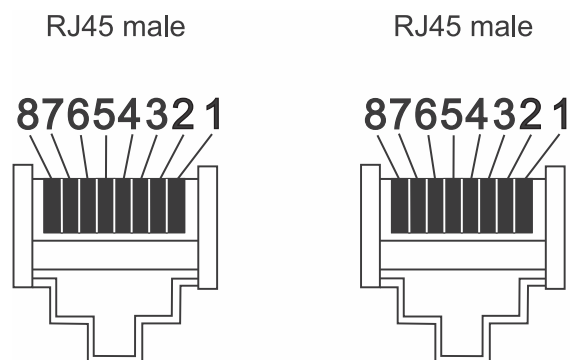
General

Housing material PA
Color of the housing black
Contact material CuSn, gold-plated
Weight/unit 0.071 kg
PU (units) 1
Note CE These products are in conformity with the EU Low Voltage Directive 2014/35/EU

Dimensions



Pin layout



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Circuit diagram

