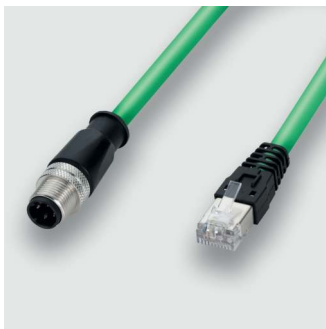


## Technical data sheet

Actuator sensor interface · Network cables PROFINET

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**Male RJ45 straight to male M12 straight with PVC cable shielded, Cat 5e  
Self-locking screw connection M12**



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### Identification

Type STG4-RJ45/STG4-M12/PN PVC 0,3M  
Part No. [192014.0030](#)

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### Product version

Datasheet version 00

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### Technical data

|                                    |                   |
|------------------------------------|-------------------|
| Number of conductors/cross-section | (2×2×AWG22/7)     |
| Form male 1                        | RJ45              |
| Form male 2                        | M 12              |
| Pole number                        | 4                 |
| Category                           | Cat.5             |
| Number of conductors               | 4                 |
| Cable diameter                     | 6.5 mm            |
| Cable length                       | 0.3 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              |
| Coding                             | D                 |
| Shielding                          | 360°              |
| Temperature range connector        | -25 °C ... +85 °C |
| Temperature range fixed            | -30 °C ... +80 °C |
| Temperature range moving           | -5 °C ... +70 °C  |

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12.07.2022 · Subject to technical modification  
Part No. [192014.0030](#) · Datasheet version: 00

page 1 of 3



SYSTEMATIC TECHNOLOGY

## Technical data sheet

### Actuator sensor interface · Network cables PROFINET

|                               |                         |
|-------------------------------|-------------------------|
| 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                    | PVC                            |
| 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          | 0.035 kg   |
| PU (units)           | 1  |
| Note                 | CE These products are in conformity with the EU Low Voltage Directive 2014/35/EU |

#### Equipment/Spare parts

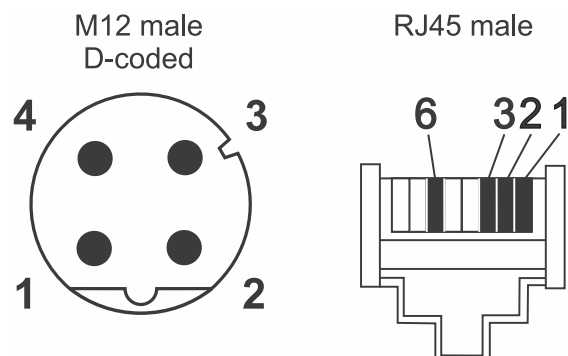
##### Accessories

**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

