

## Technical data sheet

### Connector

Part no.: 50112155

S-M12A-ET

#### Contents

- Technical data
- Electrical connection



Figure can vary



## Technical data

### Basic data

|                        |          |
|------------------------|----------|
| Suitable for interface | Ethernet |
|------------------------|----------|

### Electrical data

#### Performance data

|                                        |          |
|----------------------------------------|----------|
| Overvoltage category                   | II       |
| Rated operating current                | 4,000 mA |
| Rating voltage (DIN EN 60664-1)        | 250 V    |
| Rated impulse voltage (DIN EN 60664-1) | 2,500 V  |

### Connection

|                       |            |
|-----------------------|------------|
| Number of connections | 1 Piece(s) |
|-----------------------|------------|

#### Connection 1

|                      |               |
|----------------------|---------------|
| Type of connection   | Connector     |
| Thread size          | M12           |
| Type                 | Male          |
| Material             | Metal         |
| Handle body material | Metal         |
| No. of pins          | 4 -pin        |
| Encoding             | D-coded       |
| Design               | Axial         |
| Lock                 | Screw fitting |

### Cable properties

|                           |                          |
|---------------------------|--------------------------|
| Connection cross sections | 1 x 0.75 mm <sup>2</sup> |
| AWG                       | 18                       |
| Shielded                  | Yes                      |

### Mechanical data

|                  |                                               |
|------------------|-----------------------------------------------|
| Housing material | Metal, Diecast zinc, chemically nickel-plated |
| Max. cable hole  | 6 ... 8 mm                                    |

### Environmental data

|                                |               |
|--------------------------------|---------------|
| Ambient temperature, operation | -40 ... 85 °C |
| Degree of contamination        | 3, EN 60947-1 |

### Certifications

|                      |       |
|----------------------|-------|
| Degree of protection | IP 67 |
|----------------------|-------|

### Classification

|                       |          |
|-----------------------|----------|
| Customs tariff number | 85369010 |
| eCl@ss 8.0            | 27069190 |
| eCl@ss 9.0            | 27069190 |
| ETIM 5.0              | EC001578 |
| ETIM 6.0              | EC001578 |

## Electrical connection

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