

## Technical data sheet

### Connector

Part no.: 50149064

S ET-M12-4W-M

#### Contents

- Technical data
- Electrical connection
- Circuit diagrams



For illustration purposes only



## 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       |
| Version              | Angled        |
| Lock                 | Screw fitting |

#### Connection 2

|                    |                |
|--------------------|----------------|
| Type of connection | Screw terminal |
|--------------------|----------------|

#### Cable properties

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

### Mechanical data

|                  |                                        |
|------------------|----------------------------------------|
| Housing material | Metal                                  |
| Metal housing    | Diecast zinc, chemically nickel-plated |
| Net weight       | 56 g                                   |
| Max. cable hole  | 6 ... 8 mm                             |

### Environmental data

|                                |                |
|--------------------------------|----------------|
| Ambient temperature, operation | -40 ... 105 °C |
|--------------------------------|----------------|

### Certifications

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

### Classification

|                       |          |
|-----------------------|----------|
| Customs tariff number | 85366990 |
| ECLASS 5.1.4          | 27279201 |
| ECLASS 8.0            | 27440102 |
| ECLASS 9.0            | 27069190 |
| ECLASS 10.0           | 27440102 |
| ECLASS 11.0           | 27440102 |
| ECLASS 12.0           | 27440116 |
| ECLASS 13.0           | 27440116 |
| ECLASS 14.0           | 27440116 |
| ECLASS 15.0           | 27440116 |
| ECLASS 16.0           | 27440116 |
| ETIM 5.0              | EC002635 |
| ETIM 6.0              | EC002635 |
| ETIM 7.0              | EC002635 |
| ETIM 8.0              | EC002635 |
| ETIM 9.0              | EC002635 |
| ETIM 10.0             | EC002635 |

## Electrical connection

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### Connection 2

|                    |                |
|--------------------|----------------|
| Type of connection | Screw terminal |
|--------------------|----------------|

## Circuit diagrams

