

## Technical data sheet

### Connector

Part no.: 50040098

KD 01-5-SA

#### Contents

- Technical data
- Electrical connection



For illustration purposes only



## Technical data

### Electrical data

#### Performance data

|  |          |
|--|----------|
| Rated operating current                | 4,000 mA |
| Rating voltage (DIN EN 60664-1)        | 60 V     |
| Rated impulse voltage (DIN EN 60664-1) | 1,500 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          | 5 -pin        |
| Encoding             | A-coded       |
| Version              | Axial         |
| Lock                 | Screw fitting |

#### Connection 2

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

#### Cable properties

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

### Mechanical data

|                     |            |
|---------------------|------------|
| Width across flats  | 18 mm      |
| Net weight          | 39 g       |
| Mating cycles, max. | > 50       |
| Max. cable hole     | 6 ... 8 mm |

## Electrical connection

### Connection 1

|                      |               |
|----------------------|---------------|
| Type of connection   | Connector     |
| Thread size          | M12           |
| Type                 | Male          |
| Material             | Metal         |
| Handle body material | Metal         |
| No. of pins          | 5 -pin        |
| Encoding             | A-coded       |
| Version              | Axial         |
| Lock                 | Screw fitting |

### Connection 2

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

### Environmental data

|                                |               |
|--------------------------------|---------------|
| Ambient temperature, operation | -40 ... 85 °C |
|--------------------------------|---------------|

### Certifications

|                      |       |
|----------------------|-------|
| Degree of protection | IP 67 |
| Approvals            | UL    |

### Classification

|                       |          |
|-----------------------|----------|
| Customs tariff number | 85369010 |
| 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 |
| UNSPSC 26.08          | 39121413 |