



**Part no.: 50038537**  
**KD 02-5-SA**  
**Connector**



Figure can vary

## Contents

- Technical data
- Electrical connection

Part no.: 50038537 – KD 02-5-SA – Connector

## Technical data

### Electrical data

#### Performance data

|                         |                 |
|-------------------------|-----------------|
| Operating voltage       | Max. 60 V AC/DC |
| Rated operating current | 4,000 mA        |

### Connection

#### Connection 1

|                      |  |
|----------------------|--|
| Type of connection   | Connector with screw terminals   |
| Function             | Voltage supply   |
| Thread size          | M12  |
| Type                 | Male   |
| Handle body material | Metal  |
| No. of pins          | 5 -pin   |
| Encoding             | B-coded  |
| Design               | Axial  |
| Lock                 | Screw fitting, nickel-plated diecast zinc, recommended torque 0.6 Nm, self-locking |

#### Cable properties

|                    |                      |
|--------------------|----------------------|
| Wire cross section | 0.75 mm <sup>2</sup> |
| AWG                | 18                   |

### Mechanical data

|                    |  |
|--------------------|--|
| Width across flats | 18 mm  |
| Cable hole         | 4 ... 6 mm<br>5 ... 8 mm<br>6 ... 8 mm<br>6,5 ... 8,5 mm<br>8 ... 9 mm |

### Environmental data

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

### Certifications

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

### Classification

|                       |          |
|-----------------------|----------|
| Customs tariff number | 85369010 |
| eCl@ss 8.0            | 27279218 |
| eCl@ss 9.0            | 27060311 |
| ETIM 5.0              | EC001855 |
| ETIM 6.0              | EC001855 |

## Electrical connection

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