



**Part no.: 50135996**  
**YV U-SDD-25-83-83-X04**  
**Y distribution box**



Figure can vary

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Part no.: 50135996 – YV U-SDD-25-83-83-X04 – Y distribution box

## Technical data

### Basic data

#### Connection

Number of connections 3 Piece(s)

##### Connection 1

|                    |           |
|--------------------|-----------|
| Type of connection | Connector |
| Thread size        | M12       |
| Type               | Male      |
| No. of pins        | 5 -pin    |
| Encoding           | A-coded   |
| Design             | Axial     |

##### Connection 2

|                    |           |
|--------------------|-----------|
| Type of connection | Connector |
| Thread size        | M8        |
| Type               | Female    |
| No. of pins        | 3 -pin    |
| Design             | Axial     |

##### Connection 3

|                    |           |
|--------------------|-----------|
| Type of connection | Connector |
| Thread size        | M8        |
| Type               | Female    |
| No. of pins        | 3 -pin    |
| Design             | Axial     |

#### Cable properties

|          |    |
|----------|----|
| Shielded | No |
|----------|----|

### Mechanical data

|                    |       |
|--------------------|-------|
| Width across flats | 13 mm |
|--------------------|-------|

|          |     |
|----------|-----|
| Material | PUR |
|----------|-----|

### Environmental data

|                                |               |
|--------------------------------|---------------|
| Ambient temperature, operation | -25 ... 85 °C |
|--------------------------------|---------------|

### Certifications

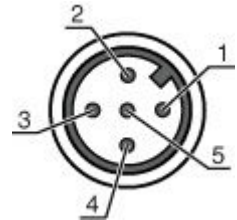
|                      |       |
|----------------------|-------|
| Degree of protection | IP 67 |
|----------------------|-------|

### Classification

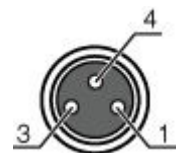
|            |          |
|------------|----------|
| eCl@ss 8.0 | 27069190 |
| eCl@ss 9.0 | 27069190 |
| ETIM 5.0   | EC001578 |
| ETIM 6.0   | EC001578 |

## Electrical connection

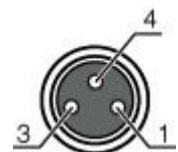
| Connection 1       |           |
|--------------------|-----------|
| Type of connection | Connector |
| Thread size        | M12       |
| Type               | Male      |
| No. of pins        | 5 -pin    |
| Encoding           | A-coded   |
| Design             | Axial     |



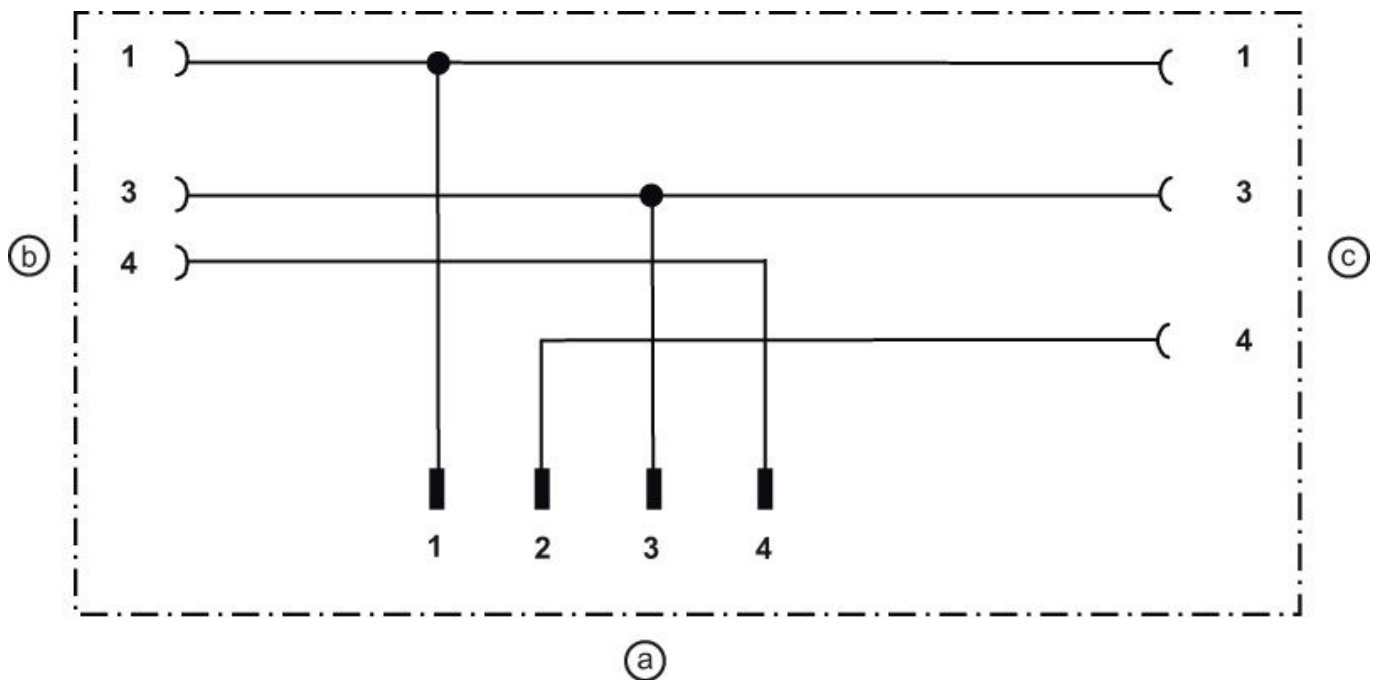
| Connection 2         |           |
|----------------------|-----------|
| Type of connection   | Connector |
| Thread size          | M8        |
| Type                 | Female    |
| Handle body material |           |
| No. of pins          | 3 -pin    |
| Encoding             |           |
| Design               | Axial     |
| Lock                 |           |



| Connection 3       |           |
|--------------------|-----------|
| Type of connection | Connector |
| Thread size        | M8        |
| Type               | Female    |
| No. of pins        | 3 -pin    |
| Encoding           |           |
| Design             | Axial     |




## Circuit diagrams



- a Connector, M12
- b Socket, M8
- c Socket, M8

## Accessories

### General

|   | Part no. | Designation   | Article | Description   |
|---|----------|---------------|---------|---|
|  | 50132266 | TT-Set 0,6-13 | Tool    | Type: Torque key<br>Width across flats: 13 mm<br>Torque: 0.6 N·m<br>Material: Plastic, Stainless steel<br>Ambient temperature: -40 ... 120 °C |