TMK0291-###-3VHS-U##

- (❼ 9) Cable 10mm² (4x)
- (❼ 5.7) Cable 7x0.25mm²

TMK0291-###-3VBN-U## and 3VBS-U##

- Only for 3VBN
- Sensor
- SW13
- Neutral
- 4x SW18

Phase 1 = Wire 1
Phase 2 = Wire 2
Phase 3 = Wire 3
Ground = Wire yellow-Green (G)
Neutral = Wire 5 or Br1 or white

For the temperature sensor configuration see the integration manual

TMK0291-###-3VDS-U##

- (❼ 9) Cable 10mm² (4x)
- (❼ 5.7) Cable 7x0.25mm²

Phase 1 = Wire 1
Phase 2 = Wire 2
Phase 3 = Wire 3
Ground = Wire yellow-Green (G)
Neutral = Wire 5 or Br1 or white

SW13

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**Sensors configuration**

### Sensor configuration 8

- **Color**:
  - White
  - Brown
  - Green
  - Yellow
  - Grey
  - Pink
  - Blue
  - Red

- **Phase**:
  - Phase 1
  - Phase 2
  - Phase 3

- **Wiring**:
  - White + to Phase 1
  - Brown + to Phase 2
  - Green + to Phase 3
  - Yellow + to Phase 1
  - Grey - to Phase 2
  - Pink - to Phase 3
  - Blue - to Phase 1
  - Red (*) - to Phase 2

- **Sensor cable connection**:
  - KTY84
  - SNM120
  - S01.120

- **Power cable connection**

#### Color and wire number

- Black wire with number 1 or U: Phase 1 (PH1)
- Black wire with number 2 or V: Phase 2 (PH2)
- Black wire with number 3 or W: Phase 3 (PH3)
- Yellow and green wire: Ground (GND)
- Black wire with number Br1 or 5 or white cable: Neutral point wire (present only on some motor types)
- Black wire with number Br2 or 6 or black wire without label: None (***)

#### Wire section (mm²)

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>1 x 1.5</th>
<th>1 x 2.5</th>
<th>1 x 4</th>
<th>1 x 6</th>
<th>1 x 10</th>
<th>1 x 16</th>
<th>Sensor cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicable motors</td>
<td>TMK0291</td>
<td>TMK0360</td>
<td>TMK0761</td>
<td>TMK0991</td>
<td>TMK0360</td>
<td>TMK0530</td>
<td>TMK0761</td>
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<tr>
<td>TMK0175</td>
<td>TMK0291</td>
<td>TMK0360</td>
<td>TMK0530</td>
<td>TMK0761</td>
<td>TMK0991</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Minimum bend radius

- For fixed cable: R = 5 X D
- For moving cable: R = 10 X D

#### Minimum bend radius for moving cable

- R = 7.5 X D

- **(**): This wire is automatically present when the neutral point wire (which is an option) is added in the motor as it is a 2 x 1 or 2 x 1.5 mm² cable.

- (**): Red wire (if present) is not connected on the motor side and cutted flush on cable extremity.

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**Sensor configuration H**

**Sensor configuration T**

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**Representation**

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