

Power cable M8, both ends assembled with M8 connector angled and M8 socket angled, 4-pole, length 0.3 m



Figure similar

| General information                               |   |                |                       |
|---|---|----------------|-----------------------|
| Product type designation                          | Power cable   |                |                       |
| Product description                               | Flexible cable (4-core), preassembled at each end with a 4-pin M8 male / female connector, angled   |                |                       |
| Suitability for use                               | For connection to ET 200AL for 24 V DC power supply   |                |                       |
| Degree and class of protection                    |   |                |                       |
| IP degree of protection                           | IP65/67   |                |                       |
| Ambient conditions                                |   |                |                       |
| Ambient temperature during assembly, min.         | -30 °C  |                |                       |
| Ambient temperature during assembly, max.         | 80 °C   |                |                       |
| Ambient temperature during storage/transportation |   |                |                       |
| • min.  | -40 °C  |                |                       |
| • max.  | 80 °C   |                |                       |
| Cables  |   |                |                       |
| Cable designation                                 | 4 Li9Y 0.50 mm <sup>2</sup> Y   |                |                       |
| Cable length                                      | 0.3 m   |                |                       |
| Number of electrical cores                        | 4   |                |                       |
| Outer diameter of inner conductor                 | 0.8 mm  |                |                       |
| Outer diameter of core insulation                 | 1.46 mm   |                |                       |
| Outer diameter of cable sheath                    | 5.2 mm  |                |                       |
| Number of bending cycles                          | 2 500 000; cable carrier compliant for 2.5 million bending cycles with a bending radius of 52 mm, a speed of 3 m/s and an acceleration of 10 m/s <sup>2</sup> |                |                       |
| Permissible bending radius, single bend, min.     | 26 mm   |                |                       |
| Permissible bending radius, multiple bends, min.  | 52 mm   |                |                       |
| Bending radius for continuous bending             | 52 mm   |                |                       |
| Color of cable sheath                             | gray  |                |                       |
| Color of core insulation of energy core           | white / brown / blue / black  |                |                       |
| Weight per length                                 | 44 kg/km  |                |                       |
| Mechanics/material                                |   |                |                       |
| Outgoing feeder type                              | 90 degree cable outlet  |                |                       |
| Material of cable sheath                          | PVC   |                |                       |
| Material of core insulation                       | PP  |                |                       |
| Material property                                 |   |                |                       |
| • Silicone-free                                   | Yes   |                |                       |
| Classifications                                   |   |                |                       |
|   |   | <b>Version</b> | <b>Classification</b> |
|   | eClass  | 14             | 27-24-22-20           |
|   | eClass  | 12             | 27-24-22-20           |
|   | eClass  | 9.1            | 27-24-22-20           |

|        |     |             |
|--------|-----|-------------|
| eClass | 9   | 27-24-22-20 |
| eClass | 8   | 27-24-92-05 |
| eClass | 7.1 | 27-24-92-05 |
| eClass | 6   | 27-24-92-05 |
| ETIM   | 9   | EC000237    |
| ETIM   | 8   | EC000237    |
| ETIM   | 7   | EC000237    |
| IDEA   | 4   | 3553        |
| UNSPSC | 15  | 32-15-17-03 |

**Approvals / Certificates**

**General Product Approval**

[Manufacturer Declaration](#)

last modified:

8/24/2021 