

Power cable M8, PUR cable both ends assembled with M8 connector and M8 socket, 4-pole, Length 5.0m



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                                                      |                |
| 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.         |  | -25 °C                                                                                                                                         |                |
| Ambient temperature during assembly, max.         |  | 80 °C                                                                                                                                          |                |
| Ambient temperature during storage/transportation |  |                                                                                                                                                |                |
| • min.                                            |  | -25 °C                                                                                                                                         |                |
| • max.                                            |  | 80 °C                                                                                                                                          |                |
| Cables                                            |  |                                                                                                                                                |                |
| Cable designation                                 |  | LIF9Y11YFHF 4x 0.50 mm²                                                                                                                        |                |
| Cable length                                      |  | 5 m                                                                                                                                            |                |
| Number of electrical cores                        |  | 4                                                                                                                                              |                |
| Outer diameter of inner conductor                 |  | 1 mm                                                                                                                                           |                |
| Outer diameter of core insulation                 |  | 1.46 mm                                                                                                                                        |                |
| Outer diameter of cable sheath                    |  | 5.1 mm                                                                                                                                         |                |
| Number of bending cycles                          |  | 2 000 000; cable carrier compliant for 2 million bending cycles with a bending radius of 51 mm, a speed of 5 m/s and an acceleration of 5 m/s² |                |
| Permissible bending radius, single bend, min.     |  | 26 mm                                                                                                                                          |                |
| Permissible bending radius, multiple bends, min.  |  | 51 mm                                                                                                                                          |                |
| Bending radius for continuous bending             |  | 51 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                              |  | 180° cable outlet                                                                                                                              |                |
| Material of cable sheath                          |  | PE-PUR                                                                                                                                         |                |
| Material of core insulation                       |  | PP                                                                                                                                             |                |
| Material property                                 |  |                                                                                                                                                |                |
| • Halogen-free                                    |  | Yes                                                                                                                                            |                |
| • Silicone-free                                   |  | Yes                                                                                                                                            |                |
| Classifications                                   |  |                                                                                                                                                |                |
|                                                   |  |                                                                                                                                                |                |
|                                                   |  | Version                                                                                                                                        | Classification |
| 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   | 10  | EC000237    |
| 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](#)      [China RoHS](#)

last modified: 8/24/2021 