

Power cable M8, both ends assembled with M8 connector and M8 socket, 4-pole, Length 2.0 m



| 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.         |        | -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 mm² Y                                                                                                                                 |                |
| Cable length                                      |        | 2 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/s² |                |
| 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                              |        | 180° cable outlet                                                                                                                                 |                |
| Material of cable sheath                          |        | PVC                                                                                                                                               |                |
| Material of core insulation                       |        | PP                                                                                                                                                |                |
| Material property                                 |        |                                                                                                                                                   |                |
| • 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

[Miscellaneous](#)     [Manufacturer Declaration](#)

last modified: 4/4/2025 