

Power cable M8, both ends assembled with M8 connector and M8 socket, 4-pole,  
Length 15 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 mm <sup>2</sup> Y   |                       |
| Cable length                                      | 15 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                              | 180° 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   | 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](#)



[China RoHS](#)

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