

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



## General information

|                     |   |
|---------------------|---|
| 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                      | 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/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 degree cable outlet |
| Material of housing         | plastic                 |
| Material of cable sheath    | PVC                     |
| Material of core insulation | PP                      |
| Material property           |                         |
| • Silicone-free             | Yes                     |

**last modified:** 05/13/2020