

POWER CABLE M8, PREASSEMBLED ONE SIDE WITH M8  
SOCKET, 4 CORE, LENGTH 2,0M



Figure similar

| General information                               |                                                                              |
|---------------------------------------------------|------------------------------------------------------------------------------|
| Product type designation                          | POWER CABLE M8, 2.0M                                                         |
| Product description                               | Flexible cable (4-core), preassembled at one end with 1x M8 female connector |
| Suitability for use                               | For connection to ET 200AL for 24 V DC power supply                          |
| Degree and class of protection                    |                                                                              |
| Degree of protection acc. to EN 60529             |                                                                              |
| • IP65                                            | Yes                                                                          |
| • IP67                                            | Yes                                                                          |
| 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                                                                                                                                                   |
| 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

|                             |                         |
|-----------------------------|-------------------------|
| Type of cable outlet        | 180 degree cable outlet |
| Material of housing         | plastic                 |
| Material of cable sheath    | PVC                     |
| Material of core insulation | PP                      |

**last modified:** 10/28/2016