

POWER CABLE M8, PREASSEMBLED WITH M8 PLUG AND M8 SOCKET, 4 CORE, LENGTH 0,3M



Figure similar

| Product type designation                          |                                                                                           |
|---------------------------------------------------|-------------------------------------------------------------------------------------------|
| General information                               |                                                                                           |
| Product description                               | Flexible cable (4-core), preassembled at each end with a 4-pin M8 male / female connector |
| Application/function                              | For connection to ET 200AL for 24 V DC power supply                                       |
| Degree and class of protection                    |                                                                                           |
| Degree of protection 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                                      | 0.3 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 core insulation     | PP                      |
| Material of cable sheath        | PVC                     |
| Material property silicone-free | Yes                     |

**last modified:** 20.04.2015