



**THE DATASHEET OF
6ES71942LN101AB0**



Power cable M8, both ends assembled with M8 connector angled and M8 socket angled, 4-pole, length 10 m



Figure similar

| 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, angled |
| 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 ² Y |
| Cable length | 10 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 ² |
| 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 | 90 degree cable outlet |
| Material of cable sheath | PVC |
| Material of core insulation | PP |
| Material property | |
| • Silicone-free | Yes |

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