

bus cable for ET connection M8, assembled on both ends with 2x M8 connectors, 4-pole, shielded Length 2.0 m



Figure similar

| General information                               |   |
|---|---|
| Product type designation                          | Bus cable   |
| Product description                               | Flexible cable (4-core), preassembled at both ends with 2x M8 plugs, 4-pin, shielded  |
| Suitability for use                               | for connecting ET-CONNECTION nodes (e.g. SIMATIC ET 200AL) in degree of protection IP65 / 67  |
| 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                                 | 2Y(ST)CY 1x4x0.5/1.0-100-GN   |
| Design of shield                                  | Overlapped aluminum-clad foil, sheathed in a braid of tin-plated copper wires   |
| Cable length                                      | 2 m   |
| Number of electrical cores                        | 4   |
| Outer diameter of inner conductor                 | 0.5 mm  |
| Outer diameter of core insulation                 | 1 mm  |
| Outer diameter of cable sheath                    | 5 mm  |
| Number of bending cycles                          | 1 000 000; cable carrier compliant for 1 million bending cycles with a bending radius of 100 mm, a speed of 4 m/s and an acceleration of 4 m/s <sup>2</sup> |
| Permissible bending radius, single bend, min.     | 20 mm   |
| Permissible bending radius, multiple bends, min.  | 40 mm   |
| Bending radius for continuous bending             | 100 mm  |
| Color of cable sheath                             | green   |
| Color of core insulation of data cores            | white / yellow / blue / orange  |
| Weight per length                                 | 34 kg/km  |
| Mechanics/material                                |   |
| Outgoing feeder type                              | 180° cable outlet   |
| Material of cable sheath                          | PVC   |
| Material of core insulation                       | PE  |
| Material property                                 |   |
| • Halogen-free                                    | No  |
| • Silicone-free                                   | Yes   |

last modified:

8/24/2021 