

bus cable for ET connection M8, Pre-assembled at one end with 1x M8 connector, 4-pole, shielded Length 2.0 m



Figure similar

| General information | |
|---|---|
| Product type designation | Bus cable |
| Product description | Flexible cable (4-core), preassembled at one end with 1x M8 plug, 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 ² |
| 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 |
| Classifications | |

| | Version | Classification |
|--------|---------|----------------|
| eClass | 14 | 27-24-22-20 |
| eClass | 12 | 27-24-22-20 |
| eClass | 9.1 | 27-24-22-20 |
| eClass | 9 | 27-24-22-20 |
| eClass | 8 | 27-24-92-05 |
| eClass | 7.1 | 27-24-92-05 |
| eClass | 6 | 27-24-92-05 |
| ETIM | 10 | EC000237 |
| ETIM | 9 | EC000237 |
| ETIM | 8 | EC000237 |
| ETIM | 7 | EC000237 |
| IDEA | 4 | 3553 |
| UNSPSC | 15 | 32-15-17-03 |

Approvals / Certificates

General Product Approval

[Miscellaneous](#)

[China RoHS](#)

[Manufacturer Declaration](#)



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