

bus cable for ET connection M8, PUR cable assembled on both ends with 2x M8 connectors, 4-pole, shielded Length 5.0m



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)C11Y 2x2x0.5/1.0-100-GN                                                                                                                               |
| Design of shield                                  | Overlapped aluminum-clad foil, sheathed in a braid of tin-plated copper wires                                                                               |
| Cable length                                      | 5 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                          | PUR                                                                                                                                                         |
| Material of core insulation                       | PE                                                                                                                                                          |
| Material property                                 |                                                                                                                                                             |
| • Halogen-free                                    | Yes                                                                                                                                                         |
| • 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

[Manufacturer Declaration](#)



[China RoHS](#)

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