SIEMENS

## Data sheet 6ES7194-2MH03-0AA0

bus cable for ET connection M8, PUR cable assembled on both ends with 2x M8 connectors, 4-pole, shielded length 0.3 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)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 | 0.3 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/s² |
| 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** | |


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| | Version | Classification |
|---|---|---|
| eClass | 16 | 27-24-22-20 |
| 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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