

Cable/PN/M12-4SMX/M12-4SMX/D/003/Q324/GN

C1000006

Connection lead for PROFINET, CAT5e, shielded, 4-pin M12 male connector, straight, D-coded, on 4-pin M12 male connector, straight, D-coded, conductor cross section: 4 x 0.34 mm<sup>2</sup>, cable length: 3 m

## Technical details

| General data                    |                          |
|---------------------------------|--------------------------|
| Approval:                       | CE, UKCA,                |
| Technical data                  |                          |
| Electrical data                 |                          |
| Rated current:                  | 1.5 A                    |
| Typ. conductor resistance K1:   | ≤55.4 Ohm/km at 20 °C    |
| Typ. characteristic imp. K1:    | 100 Ohm ± 15 Ohm         |
| Environmental data              |                          |
| Ambient temperature:            | -40 - 90 °C              |
| Ambient temp. with UL:          | -40 - 80 °C              |
| Pollution degree clear.&creep.: | 3                        |
| Mechanical data                 |                          |
| Connector type 1:               | 4-pin M12 male connector |
| Shape of connector type 1:      | straight                 |
| Connector type 2:               | 4-pin M12 male connector |
| Shape of connector type 2:      | straight                 |
| Matl threaded ring conn 1:      | CuZn nickel-plated       |
| Contact surfaces material 1:    | CuZn, Ni b/Au 0.2 gal.   |
| Material of pins:               | CuZn                     |
| Cable material K1:              | Cu                       |

|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| Insulation material cable K1:   | FEP (RoHS)                                    |
| Cable type K1:                  | S/FTP                                         |
| Length cable:                   | 3 m                                           |
| Material shield surface K1:     | CuZn                                          |
| Category of cable K1:           | Cat5e                                         |
| Colour cable insulation 1:      | Green, RAL6018                                |
| Housing colour:                 | Black                                         |
| Material of cable insulation 1: | PUR                                           |
| Trailing capability of cable 1: | no                                            |
| Bend radius (when laying) K1:   | 12 x Ø                                        |
| Max. outside diameter cable K1: | 7.4 - 7.4 mm                                  |
| Diameter data line AWG K1:      | 22                                            |
| Stranding K1:                   | twisted pair, (2x2xAWG22)                     |
| Shielding K1:                   | yes                                           |
| Type of shielding K1:           | Wire mesh                                     |
| Number of conductors:           | 4                                             |
| Approvals for cable K1:         | UL AWM-Style 21923, verified ANSI/TIA-568-C.2 |
| Halogen-free:                   | no                                            |
| Oil resistance:                 | resistant                                     |
| Flame resistance:               | UL FT2                                        |
| Torque interlocking screw:      | 0.4 Nm                                        |
| Net weight:                     | 231 g                                         |
| Gross weight:                   | 236 g                                         |
| Environment                     |                                               |
| WEEE classification (08/2018):  | 5 devices (feed size < 50cm)                  |