

Cable/CA/M12-5AFX/M12-5AM/A/015/XXXX/SH

C1000050



Connection lead, 5-pin M12 male connector on 5-pin M12 female connector, angled, twisted pair, shielded, cable length: 15 m

## Technical details

| General data                    |                                                            |
|---------------------------------|------------------------------------------------------------|
| Approval:                       | CE, UKCA, cULus Listed                                     |
| Technical data                  |                                                            |
| Electrical data                 |                                                            |
| Rated current:                  | 4 A                                                        |
| Typ. cond.resist. data cab. K1: | $\leq 87.5 \text{ Ohm/km at } 20 \text{ }^{\circ}\text{C}$ |
| Insulation resistance cable K1: | $> 2.5 \text{ MOhm/KFT}$                                   |
| Typ. characteristic imped. K1:  | $120 \text{ Ohm} \pm 15 \text{ Ohm}$                       |
| Environmental data              |                                                            |
| Ambient temperature:            | $-40 - 80 \text{ }^{\circ}\text{C}$                        |
| Pollution degree clear.&creep.: | 3                                                          |
| Mechanical data                 |                                                            |
| Connector type 1:               | 5-pin M12 female connector                                 |
| Shape of connector type 1:      | angled                                                     |
| Coding of M12 connector 1:      | A coded                                                    |
| Connector type 2:               | 5-pin M12 male connector                                   |
| Shape of connector type 2:      | angled                                                     |
| Coding of M12 connector 2:      | A coded                                                    |
| Matl threaded ring conn 1:      | CuZn nickel-plated                                         |
| Matl threaded ring conn 2:      | CuZn nickel-plated                                         |

|                                 |                                                 |
|---------------------------------|-------------------------------------------------|
| Contact surfaces material 1:    | CuZn, Ni b/Au 0.2 gal.                          |
| Contact surfaces material 2:    | CuZn, Ni b/Au 0.2 gal.                          |
| Seal material:                  | FKM                                             |
| Material of pins:               | CuZn                                            |
| Material of sockets:            | CuZn                                            |
| Cable material K1:              | Cu                                              |
| Length cable:                   | 15 m                                            |
| Material shield surface K1:     | Cu                                              |
| Colour cable insulation 1:      | Signal yellow RAL1003                           |
| 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: | 7.7 - 7.7 mm                                    |
| Insulation mat. data cable K1:  | FM-PE                                           |
| Insul. mat. supply cable K1:    | HD-PE                                           |
| Diameter data line AWG K1:      | 24                                              |
| Cross section data cable K1:    | 0.22mm <sup>2</sup>                             |
| Cross section UB cable K1:      | 0.50mm <sup>2</sup>                             |
| Cross section shield cable K1:  | 0.50mm <sup>2</sup>                             |
| Stranding K1:                   | (1x2xAWG24+Al)+(1x2xAWG21+Al), Around shielding |
| Shielding K1:                   | yes                                             |
| Type of shielding K1:           | Wire mesh                                       |
| Number of conductors:           | 5                                               |
| Approvals for cable K1:         | CSA AWM I/II A/B, UL AWM-Style 20233            |
| Halogen-free:                   | yes                                             |
| Oil resistance:                 | resistant                                       |
| Flame resistance:               | UL FT2, UL 20233                                |
| Torque interlocking screw:      | 0.4 Nm                                          |

|                                |                              |
|--------------------------------|------------------------------|
| Net weight:                    | 1131 g                       |
| Gross weight:                  | 1141 g                       |
| Environment                    |                              |
| WEEE classification (08/2018): | 5 devices (feed size < 50cm) |