

Cable/FC/M12-5AMX/M12-5SFX/A/010/0Q34/BK

C1000024



Connection lead, 5-pin M12 male connector, angled, A-coded on 5-pin M12 female connector, straight, A-coded, conductor cross section: 5x 0.34 mm<sup>2</sup>, cable length: 10 m

## Technical details

| General data                    |                            |
|---------------------------------|----------------------------|
| Approval:                       | CE, UKCA, cULus Listed     |
| Technical data                  |                            |
| Electrical data                 |                            |
| Rated current:                  | 4 A                        |
| Typ. conductor resistance K1:   | ≤55.4 Ohm/km at 20 °C      |
| Environmental data              |                            |
| Ambient temperature:            | -40 - 85 °C                |
| Ambient temp. with UL:          | 80 °C                      |
| Pollution degree clear.&creep.: | 3                          |
| Mechanical data                 |                            |
| Connector type 1:               | 5-pin M12 male connector   |
| Shape of connector type 1:      | angled                     |
| Coding of M12 connector 1:      | A coded                    |
| Connector type 2:               | 5-pin M12 female connector |
| Shape of connector type 2:      | straight                   |
| 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:    | Au                         |

|                                 |                                 |
|---------------------------------|---------------------------------|
| Contact surfaces material 2:    | Au                              |
| Seal material:                  | FKM                             |
| Material of pins:               | CuZn                            |
| Material of sockets:            | CuZn                            |
| Cable material K1:              | Cu                              |
| Insulation material cable K1:   | PP (9Y)                         |
| Cable type K1:                  | LiF9Y11Y                        |
| Length cable:                   | 10 m                            |
| Colour cable insulation 1:      | Black                           |
| Housing colour:                 | Yellow, similar to RAL 1004     |
| Material of cable insulation 1: | PUR                             |
| Trailing capability of cable 1: | yes                             |
| Bend radius (when laying) K1:   | 8 x Ø                           |
| Max. outside diameter cable K1: | 5.5 - 5.5 mm                    |
| Conductor cross section:        | 0.34 - 0.34 mm <sup>2</sup>     |
| Cable cross section AWG K1:     | 22                              |
| Stranding K1:                   | 5 cores round filler            |
| Shielding K1:                   | no                              |
| Number of conductors:           | 5                               |
| Approvals for cable K1:         | UL AWM-Style 20233              |
| Approvals for connector 1:      | UL94 V-2                        |
| Approvals for connector 2:      | UL94 V-2                        |
| Halogen-free:                   | yes                             |
| Oil resistance:                 | resistant                       |
| Flame resistance:               | UL 20233, DIN EN 60332-1-2, FT2 |
| Torque interlocking screw:      | 0.4 Nm                          |
| Net weight:                     | 383 g                           |
| Gross weight:                   | 388 g                           |
| Environment                     |                                 |

WEEE klassifikation (08/2018):

5 devices (feed size < 50cm)