

Cable/PW/M12-5SFX/XXX-5XXX/L/010/1Q50/BK

C1000029



Connection cable, power supply, 5-pin M12 female connector, straight, L-coded, conductor cross section: 5 x 1.5 mm<sup>2</sup>, 12 A, cable length: 10 m

## Technical details

### General data

Approval: CE, UKCA

### Technical data

#### Electrical data

Rated current: 12 A

Typ. conductor resistance K1: 58 Ohm/km

Specific contact resistance K1:  $\geq 1E+16$  Ohm\*cm

#### Environmental data

Ambient temperature: -30 - 90 °C

Ambient temp. with UL: 80 °C

Clearance & creepage dist. to: IEC 60664-1

Pollution degree clear.&creep.: 2

#### Mechanical data

Connector type 1: 5-pin M12 female connector

Shape of connector type 1: straight

Contact surfaces material 1: Ni b / Au 0.2 gal.

Seal material: FPM

Material of sockets: CuNi

Cable material K1: Cu

Insulation material cable K1: PP (9Y)

|                                 |                              |
|---------------------------------|------------------------------|
| Cable type K1:                  | Li9Y11Y                      |
| Length cable:                   | 10 m                         |
| Colour cable insulation 1:      | Jet black RAL 9005           |
| Housing colour:                 | Black                        |
| Material of cable insulation 1: | TPU / TPE-U                  |
| Trailing capability of cable 1: | yes                          |
| Bend radius (when laying) K1:   | 5 x Ø                        |
| Max. outside diameter cable K1: | 8 - 8 mm                     |
| Conductor cross section:        | 1.5 - 1.5 mm <sup>2</sup>    |
| Stranding K1:                   | 5 cores round filler         |
| Shielding K1:                   | no                           |
| Number of conductors:           | 5                            |
| Approvals for cable K1:         | UL AWM-Style 20549           |
| Approvals for connector 1:      | UL 94 HB                     |
| Halogen-free:                   | yes                          |
| Halogen-free to standard:       | DIN VDE 0472-815             |
| Oil resistance:                 | resistant                    |
| Oil resistance to standard:     | DIN EN 60811-2-1             |
| Flame resistance:               | cULus 20549                  |
| Torque interlocking screw:      | 0.6 Nm                       |
| Net weight:                     | 1163 g                       |
| Gross weight:                   | 1173 g                       |
| Environment                     |                              |
| WEEE classification (08/2018):  | 5 devices (feed size < 50cm) |