

Cable/PW/M12-5SFX/XXX-5XXX/L/020/1Q50/BK

C1000030



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: 20 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:                   | 20 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:                     | 2293 g                       |
| Gross weight:                   | 2305 g                       |
| Environment                     |                              |
| WEEE classification (08/2018):  | 5 devices (feed size < 50cm) |