

**PSS67 Cable M12sf M12sm, 30m**

**380211**



Connection cable, PUR, yellow RAL1003, 5-pin, socket straight, on connector straight M12, A-coded, cable length: 30m

**Technical details**

| General data                    |                                          |
|---------------------------------|------------------------------------------|
| Approval:                       | CE, UKCA, cULus Listed                   |
| Technical data                  |                                          |
| Electrical data                 |                                          |
| Rated current:                  | 4 A                                      |
| Typ. conductor resistance K1:   | 79 Ohm/km                                |
| Specific contact resistance K1: | $\geq 7E+15 \text{ Ohm} \cdot \text{cm}$ |
| Specific conductor capacity K1: | 64.6pF/m                                 |
| Environmental data              |                                          |
| Ambient temperature:            | -25 - 80 °C                              |
| Pollution degree clear.&creep.: | 3                                        |
| Mechanical data                 |                                          |
| Connector type 1:               | 5-pin M12 female connector               |
| Shape of connector type 1:      | straight                                 |
| Coding of M12 connector 1:      | A coded                                  |
| Connector type 2:               | 5-pin M12 male 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                          |
| Material of pins:               | CuZn                        |
| Material of sockets:            | CuSn                        |
| Cable material K1:              | Cu                          |
| Insulation material cable K1:   | PP (9Y)                     |
| Cable type K1:                  | LiF9Y11Y                    |
| Length cable:                   | 30 m                        |
| Colour cable insulation 1:      | Yellow, similar to RAL 1003 |
| Housing colour:                 | Black                       |
| Material of cable insulation 1: | TPU / TPE-U, PUR            |
| Trailing capability of cable 1: | yes                         |
| Bend radius (when laying) K1:   | 5 x Ø                       |
| Max. outside diameter cable K1: | 5.1 - 5.1 mm                |
| Conductor cross section:        | 0.25 - 0.25 mm <sup>2</sup> |
| Cable cross section AWG K1:     | 24                          |
| Stranding K1:                   | 5 cores round filler        |
| Shielding K1:                   | no                          |
| Number of conductors:           | 5                           |
| Approvals for cable K1:         | UL AWM-Style 20233, UL/CSA  |
| Approvals for connector 1:      | UL 94 HB                    |
| Approvals for connector 2:      | UL 94 HB                    |
| Halogen-free:                   | yes                         |
| Oil resistance:                 | resistant                   |
| Flame resistance:               | UL VW1                      |
| Housing material:               | PUR                         |
| Net weight:                     | 1075 g                      |
| Gross weight:                   | 1090 g                      |
| Environment                     |                             |

|                                |                              |
|--------------------------------|------------------------------|
| RoHS directive:                | 2011/65/EU, 2015/863/EU      |
| RoHS conformity:               | yes                          |
| RoHS exceptions:               | no                           |
| REACH compliance:              | Contains no SVHC substances  |
| WEEE classification (08/2018): | 5 devices (feed size < 50cm) |
| Commercial data                |                              |
| ECLASS version:                | ECLASS-9.1                   |
| ECLASS Reference Feature:      | 27060311                     |
| ETIM Version:                  | ETIM-7.0                     |
| ETIM Reference Group:          | EG000026                     |