

**PSEN op cable axial M12 4-p. shield. 3m**

**630303**



Connection cable, PUR, yellow RAL1003, shielded, 4-pin, socket straight M12, on open line end, A-coded, cable length: 3m

**Technical details**

| General data                    |                            |
|---------------------------------|----------------------------|
| Approval:                       | CE, UKCA, cULus Listed     |
| Technical data                  |                            |
| Electrical data                 |                            |
| Rated current:                  | 4 A                        |
| Typ. conductor resistance K1:   | 57 Ohm/km                  |
| Specific contact resistance K1: | $\geq 7E+15$ Ohm*km        |
| Specific conductor capacity K1: | 65.6pF/m                   |
| Environmental data              |                            |
| Ambient temperature:            | -25 - 80 °C                |
| Pollution degree clear.&creep.: | 3                          |
| Mechanical data                 |                            |
| Connector type 1:               | 4-pin M12 female connector |
| Shape of connector type 1:      | straight                   |
| Coding of M12 connector 1:      | A coded                    |
| Contact surfaces material 1:    | Au                         |
| Material of sockets:            | CuSn                       |
| Cable material K1:              | Cu                         |
| Insulation material cable K1:   | PP (9Y)                    |
| Cable type K1:                  | Li9YC11Y                   |

|                                 |                                |
|---------------------------------|--------------------------------|
| Length cable:                   | 3 m                            |
| Material shield surface K1:     | Sn                             |
| Colour cable insulation 1:      | Yellow, similar to RAL 1003    |
| Housing colour:                 | Black                          |
| Material of cable insulation 1: | TPU 11YH1, PUR                 |
| Trailing capability of cable 1: | no                             |
| Bend radius (when laying) K1:   | 5 x Ø                          |
| Max. outside diameter cable K1: | 5.55 - 5.55 mm                 |
| Conductor cross section:        | 0.34 - 0.34 mm <sup>2</sup>    |
| Cable cross section AWG K1:     | 22                             |
| Shielding K1:                   | yes                            |
| Type of shielding K1:           | Wire mesh                      |
| Number of conductors:           | 4                              |
| Approvals for cable K1:         | UL AWM-Style 20233, UL/CSA     |
| Approvals for connector 1:      | UL94 V-0                       |
| Halogen-free:                   | yes                            |
| Oil resistance:                 | resistant                      |
| Flame resistance:               | UL VW1                         |
| Housing material:               | PUR                            |
| Net weight:                     | 161 g                          |
| Gross weight:                   | 168 g                          |
| Environment                     |                                |
| RoHS directive:                 | 2011/65/EU, 2015/863/EU        |
| RoHS conformity:                | yes                            |
| RoHS exceptions:                | yes                            |
| RoHS except.s acc. to direct.:  | 6c                             |
| REACH compliance:               | contains min. 1 SVHC-substance |
| REACH included substances:      | Lead                           |
| %-part of the pollutant:        | > 0,1                          |

|                                |                              |
|--------------------------------|------------------------------|
| CAS No.:                       | 7439-92-1                    |
| WEEE klassifikation (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                     |