

## PSEN cable axial M12 8-pole 5m

540320



Connection cable, PUR, yellow RAL1003, suitable for drag chains, 8-pin, socket straight M12, on open line end, A-coded, cable length: 5m

## Technical details

### General data

Approval: CE, UKCA, cULus Listed

### Technical data

#### Electrical data

|                                 |  |
|---------------------------------|--|
| Rated current:                  | 2 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 |
| Overvoltage category:           | II          |
| Pollution degree clear.&creep.: | 3           |

#### Mechanical data

|                              |                            |
|------------------------------|----------------------------|
| Connector type 1:            | 8-pin M12 female connector |
| Shape of connector type 1:   | straight                   |
| Coding of M12 connector 1:   | A coded                    |
| Matl threaded ring conn 1:   | CuZn nickel-plated         |
| Contact surfaces material 1: | Au                         |
| Material of sockets:         | CuSn                       |
| Cable material K1:           | Cu                         |

|                                 |                                |
|---------------------------------|--------------------------------|
| Insulation material cable K1:   | PP (9Y)                        |
| Cable type K1:                  | LiF9Y11Y                       |
| Length cable:                   | 5 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: | 6.1 - 6.1 mm                   |
| Conductor cross section:        | 0.25 - 0.25 mm <sup>2</sup>    |
| Cable cross section AWG K1:     | 24                             |
| Stranding K1:                   | 8 cores round plastic filler   |
| Shielding K1:                   | no                             |
| Number of conductors:           | 8                              |
| 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, FT1                    |
| Housing material:               | PUR                            |
| Net weight:                     | 250 g                          |
| Gross weight:                   | 260 g                          |
| <b>Environment</b>              |                                |
| 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                |                              |
| Harmonized System Code:        | 85444290                     |
| EAN-Code:                      | 4046548002966                |
| ECLASS version:                | ECLASS-13                    |
| ECLASS Reference Feature:      | 27060311                     |
| ETIM Version:                  | ETIM-9.0                     |
| ETIM Reference Group:          | EG000026                     |
| ETIM Reference Feature:        | EC001855                     |
| Volume:                        | 0.896                        |