

PSEN cable M12-8sf M12-8sm, 30m

540344



Connection cable, PUR, yellow RAL1003, suitable for drag chains, 8-pin, socket straight M12, on connector straight M12, A-coded, cable length: 30m

Technical details

General data

Approval: CE, UKCA, cULus Listed

Technical data

Electrical data

| | |
|---------------------------------|---------------------|
| Rated current: | 2 A |
| Typ. conductor resistance K1: | 78 Ohm/km |
| Specific contact resistance K1: | $\geq 1E+16$ Ohm*cm |
| Specific conductor capacity K1: | 60pF/m |

Environmental data

| | |
|---------------------------------|-------------|
| Ambient temperature: | -25 - 80 °C |
| 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 |
| Connector type 2: | 8-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: | Ni, Au gal. |
| Contact surfaces material 2: | Ni, Au gal. |
| Seal material: | FPM |
| Material of pins: | CuZn |
| Material of sockets: | CuZn |
| Cable material K1: | Cu |
| Insulation material cable K1: | PP (9Y) |
| Cable type K1: | Li9Y11Y |
| Length cable: | 30 m |
| Colour cable insulation 1: | Signal yellow RAL1003 |
| Housing colour: | Black |
| Material of cable insulation 1: | TPU / TPE-U |
| Trailing capability of cable 1: | yes |
| Bend radius (when laying) K1: | 6 x Ø |
| Max. outside diameter cable K1: | 6.2 - 6.2 mm |
| Conductor cross section: | 0.25 - 0.25 mm ² |
| Cable cross section AWG K1: | 24 |
| Stranding K1: | 8 cores round filler |
| Shielding K1: | no |
| Number of conductors: | 8 |
| Approvals for cable K1: | UL AWM-Style 20549 |
| Approvals for connector 1: | UL 94 |
| Approvals for connector 2: | UL 94 |
| Halogen-free: | yes |
| Oil resistance: | resistant |
| Flame resistance: | cULus 20549 |
| Housing material: | TPU, UL94 |
| Net weight: | 1448 g |
| Gross weight: | 1469 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 classification (08/2018): | 5 devices (feed size < 50cm) |
| SCIP entry available: | 0 |
| Commercial data | |
| Harmonized System Code: | 85444290 |
| UNSPSC 25: | 26121603 |
| EAN-Code: | 4046548063646 |
| ECLASS version: | ECLASS-13 |
| ECLASS Reference Feature: | 27060311 |
| ETIM Version: | ETIM-9.0 |
| ETIM Reference Group: | EG000026 |
| ETIM Reference Feature: | EC001855 |
| Volume: | 3.602 dm3 |