PILZ
THE SPIRIT OF SAFETY

# PDP67 Cable M12-5sf M12-5sm, 2m 380713



Connection cable, PUR, yellow RAL1003, 5-pin, socket straight, on connector straight M12, A-coded, cable length: 2m

## Technical details

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| **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: | >= 7E+15 Ohm*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 |

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| 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: | 2 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 mm² |
| 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: | 86 g |
| Gross weight: | 91 g |
| Environment | |

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| RoHS directive: | 2011/65/EU, 2015/863/EU |
| RoHS conformity: | yes |
| RoHS exceptions: | no |
| REACh compliance: | Contains no SVHC substances |
| WEEE classifikation (08/2018): | 5 devices (feed size < 50cm) |
| Commercial data | |
| Harmonized System Code: | 85444290 |
| UNSPSC 25: | 26121603 |
| EAN-Code: | 4046548073157 |
| ECLASS version: | ECLASS-13 |
| ECLASS Reference Feature: | 27060311 |
| ETIM Version: | ETIM-9.0 |
| ETIM Reference Group: | EG000026 |
| ETIM Reference Feature: | EC001855 |
| Volume: | 0.392 dm3 |