



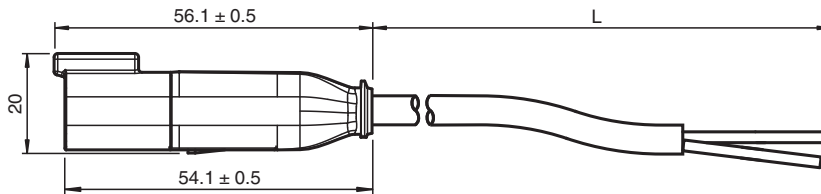
Cable connector DT2P-G-BK6M-PUR/0,75

- Hard-wearing PUR cable
- Degree of protection IP68
- Free of paint wetting interfering substances
- Resistant to microbes and hydrolysis
- UV resistant
- Oil resistant
- Snap locking

Male cordset single-ended Deutsch plug straight, 2-pin, PUR cable black



Dimensions



Technical Data

General specifications

Connector 1

| | |
|-------------------|--------------------|
| Connection | plug |
| Construction type | Deutsch connectors |
| Style | straight |
| Locking | snap locking |
| Number of pins | 2 |

Connector 2

| | |
|------------|-----------|
| Connection | cable end |
|------------|-----------|

Electrical specifications

| | | |
|-------------------|-------|------------------------|
| Operating voltage | U_B | max. 48 V AC / 60 V DC |
| Operating current | I_B | max. 8 A per contact |

Conformity

| | |
|----------------------|---------------|
| Degree of protection | EN 60529 |
| Halogen-free | IEC 60754-1 |
| Oil resistance | IEC 60881:404 |

Ambient conditions

| | |
|---------------------|---------------------------------|
| Ambient temperature | |
| Plug connector | -40 ... 125 °C (-40 ... 257 °F) |
| Cable, fixed | -40 ... 85 °C (-40 ... 185 °F) |
| Cable, flexing | -25 ... 85 °C (-13 ... 185 °F) |
| Pollution degree | 3 |

Mechanical specifications

| |
|----------------|
| Plug connector |
|----------------|

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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 PEPPERL+FUCHS

Technical Data

| | | |
|------------------------|---|---|
| Loosening protection | | available |
| Degree of protection | | IP68 |
| Cable | | according to IEC/EN 60228 (DIN VDE 0295) class 6 |
| Sheath diameter | | 5 mm |
| Bending radius | | > 8 x cable diameter, moving > 4 x cable diameter, fixed |
| Sheath stripping force | | max. 50 N / 300 mm |
| Sheath color | | black (similar to RAL 9005) |
| Number of cores | | 2 |
| Core cross section | | 0.75 mm ² / 18 AWG |
| Cores color | | Core 1: brown Core 2: blue |
| Core construction | | 42 x 0.15 mm Ø |
| Length | L | 6 m |
| Cable code | | Li 9Y 11Y 2 x 0.75 |
| Material | | |
| PWIS free | | yes |
| Halogen-free | | yes |
| Plug connector | | |
| Body | | PA, black |
| Contact surface | | Ni |
| Flammability | | V-2 |
| Cable | | |
| Sheathing | | PUR based on polyether |
| Core insulation | | PP |
| UV resistance | | yes |
| Chemical resistance | | good |
| Oil resistance | | yes |
| Microbial resistance | | yes |
| Hydrolysis resistance | | yes |

Connection

