

Connection cable, Ethernet

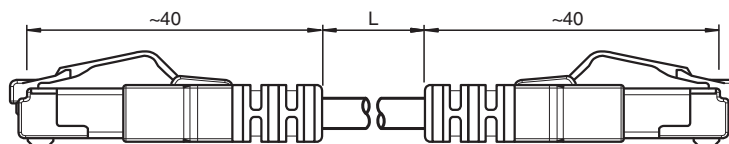
V45-G-C5-GN1,5M-PUR-E1S-V45-G

- Hard-wearing PUR cable
- Suitable for drag chains and abrasion resistant
- Industrial Ethernet
- Conforms to PROFINET
- CAT5/CAT5e cable
- Free of paint wetting interfering substances
- Halogen-free

Ethernet bus cable RJ45 to RJ45 PROFINET-coded, 4-pin, PUR cable green, Cat5e, shielded, drag chain suitable



Dimensions



Technical Data

General specifications

| | | | |
|----------------------------------|----------------|---|--|
| Connector 1 | | | |
| Connection | | plug | |
| Construction type | | RJ45 | |
| Style | | straight | |
| Locking | | snap locking | |
| Number of pins | | 8 | |
| Coding | | PROFINET | |
| Connector 2 | | | |
| Connection | | plug | |
| Construction type | | RJ45 | |
| Style | | straight | |
| Locking | | snap locking | |
| Number of pins | | 8 | |
| Coding | | PROFINET | |
| Electrical specifications | | | |
| Operating voltage | U _B | max. 48 V AC / 60 V DC | |
| Insulation resistance | | min. 100 MΩ | |
| Conformity | | | |
| Degree of protection | | EN 60529 | |
| Plug connection | | connector RJ45 : IEC 60603-7 | |
| Component category | | CAT5 (IEC 11801) , CAT5e (IEC 61156-6) | |
| Flammability | | IEC 60332-1-2 / UL 2556 / ISO 6722-1 5.22 (UN ECE-R 118.01) | |

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

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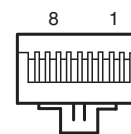
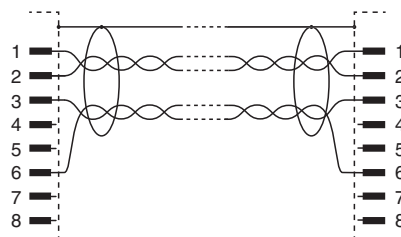
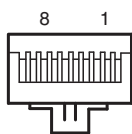
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 **PEPPERL+FUCHS**

Technical Data

| Ambient conditions | | |
|---------------------------|---|--|
| Ambient temperature | | |
| Cable, fixed | | -30 ... 70 °C (-22 ... 158 °F) , UL: -20 ... 70 °C (-4 ... 158 °F) |
| Cable, flexing | | -20 ... 70 °C (-4 ... 158 °F) |
| Mechanical specifications | | |
| Plug connector | | |
| Loosening protection | | available |
| Mating cycles | | min. 100 |
| Shielding | | shield connected to connector |
| Degree of protection | | IP20 |
| Cable | | according to IEC/EN 60228 (DIN VDE 0295) class 5 |
| Sheath diameter | | 6 mm |
| Bending radius | | > 10 x cable diameter, moving > 8 x cable diameter, fixed |
| Sheath stripping force | | max. 60 N / 100 mm |
| Sheath color | | green (similar to RAL 6018) |
| Number of cores | | 4 |
| Core cross section | | 0.34 mm ² / 22 AWG |
| Cores color | | Core 1: yellow Core 2: orange Core 3: white Core 6: blue |
| Core construction | | 7 x 0.254 mm Ø twisted quad |
| Shield | | aluminum-lined polyester foil Tinned copper braiding |
| Length | L | 1.5 m |
| Drag chain suitability | | |
| Drag chain cycles | | max. 1000000 |
| Motion velocity | | max. 3 m/s |
| Traverse distance | | max. 5 m |
| Acceleration | | max. 2 m/s ² |
| Material | | |
| PWIS free | | yes |
| Halogen-free | | yes |
| Plug connector | | |
| Body | | PA, green |
| Flammability | | V-0 |
| Cable | | |
| Sheathing | | PUR based on polyether |
| Core insulation | | PP |
| Flammability | | FT2 complies with UN ECE-R 118.01 |

Connection



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