

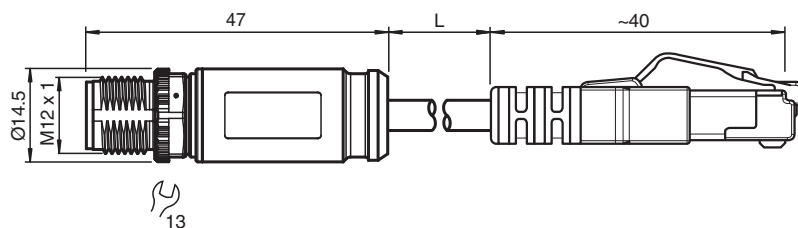
Connection cable, Ethernet V19SX-G-GN55M-PUR-E2S-V45-G

- Hard-wearing PUR cable
- Industrial Ethernet
- UL listed for USA and Canada
- Halogen-free
- Screw connection suitable for tool assembly
- Immunity to vibration, with mechanical latching

Ethernet bus cable M12 plug straight X-coded to RJ45 plug straight Ethernet-coded, 8-pin, PUR cable green, Cat6A, pairs shielded and overall shield



Dimensions



Technical Data

General specifications

| | | |
|-------------------|--|------------------|
| Connector 1 | | |
| Connection | | plug |
| Construction type | | M12 |
| Style | | straight |
| Locking | | screw connection |
| Number of pins | | 8 |
| Coding | | X-coded |
| Connector 2 | | |
| Connection | | plug |
| Construction type | | RJ45 |
| Style | | straight |
| Locking | | snap locking |
| Number of pins | | 8 |
| Coding | | EtherNet/IP |
| UL File Number | | E520112 |

Electrical specifications

| | | |
|-------------------|-------|------------------------|
| Operating voltage | U_B | max. 50 V AC / 60 V DC |
| Operating current | I_B | max. 0.5 A |

Conformity

| | | |
|----------------------|--|---|
| Degree of protection | | EN 60529 |
| Fieldbus standard | | IEEE 802.3an 10GBASE-T |
| Plug connection | | connector M12 x 1 : IEC 61076-2-109 connector RJ45 : IEC 60603-7 |

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

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Technical Data

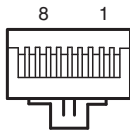
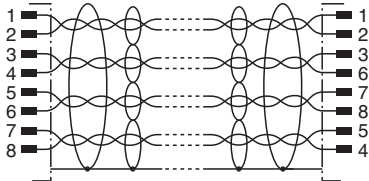
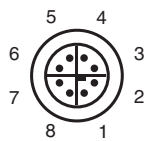
| | | |
|----------------------------------|---|--|
| Component category | | CAT6A (IEC 11801, EN 50173) |
| Flammability | | IEC 60332-1-2 , UL 1581 |
| Ambient conditions | | |
| Ambient temperature | | |
| Cable, fixed | | -40 ... 85 °C (-40 ... 185 °F) |
| Cable, flexing | | -10 ... 60 °C (14 ... 140 °F) |
| Pollution degree | | 3 |
| Mechanical specifications | | |
| Connector 1 | | |
| Tightening torque | | 0.6 Nm |
| Loosening protection | | available |
| Tool installation | | straight knurling , hexagon nut SW = 13 mm |
| Mating cycles | | min. 100 |
| Shielding | | shield connected to screw connection |
| Degree of protection | | IP67 |
| Connector 2 | | |
| Loosening protection | | available |
| Mating cycles | | min. 750 |
| Shielding | | shield connected to connector |
| Degree of protection | | IP20 |
| Cable | | according to IEC/EN 60228 (DIN VDE 0295) class 5 |
| Sheath diameter | | 6.2 mm |
| Bending radius | | max. 50 mm active max. 25 mm fixed |
| Sheath color | | green (similar to RAL 6018) |
| Number of cores | | 8 |
| Core cross section | | 0.14 mm ² |
| Cores color | | Core 1: white/orange Core 2: orange Core 3: white/green Core 4: green Core 5: white/brown Core 6: brown Core 7: white/blue Core 8: blue |
| Core construction | | 7 x 0.404 mm Ø twisted pairs , twisted pair shield |
| Shield | | tinned copper braiding twisted pair shield : aluminum-lined polyester foil |
| Length | L | 55 m |
| Cable code | | Li 02YSC 11Y 4 x 2 x 0,14 (AWG26/7) |
| Material | | |
| Halogen-free | | yes |
| Connector 1 | | |
| Screw connection | | Zinc diecast, nickel-plated |
| Body | | TPU, black |
| Contact surface | | Ni/Au |
| Flammability | | V-2 |
| Connector 2 | | |
| Body | | PC |
| Contact surface | | Ni/Au |
| Flammability | | V-0 |
| Cable | | |
| Sheathing | | PUR |
| Core insulation | | PE |
| UV resistance | | yes |
| Oil resistance | | yes |

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Technical Data

| | |
|--------------|-----|
| Flammability | FT1 |
|--------------|-----|

Connection



Accessories

| | | |
|---|------------------------------|--|
|  | MH V1-SCREWDRIVER | Torque screwdriver (0.6 Nm) |
|  | MH V1-BIT M12 | plug-in cap M12 |
|  | V1/V3-LABELHOLDER | Label holder |
|  | V1/V3-LABEL | Label plate |
|  | MH V1-Holder | Modular universal holder for M12 connectors |
|  | V1-CLIP | Unlocking protector for M12 connector |
|  | V1-MARKING-RING-COLOR | Marking rings for M12 connectors, various colors |