

stay connected

RJ45 male 0° / RJ45 male 0° shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 4.5m

Ethernet CAT5 Male straight - male straight RJ45 - RJ45, 4-pole shielded

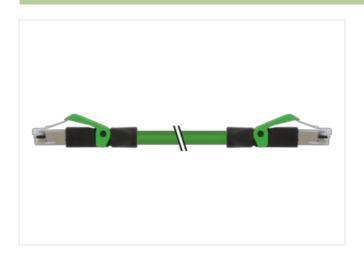
Further cable lengths on request.

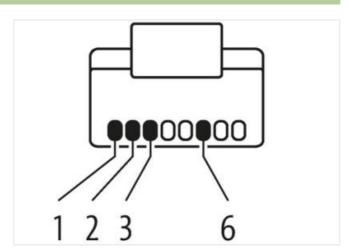
Plastic housings with good resistance against chemicals and oils.

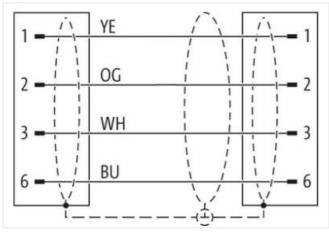
The resistance to aggressive media should be individually tested for your application. Further details on request.

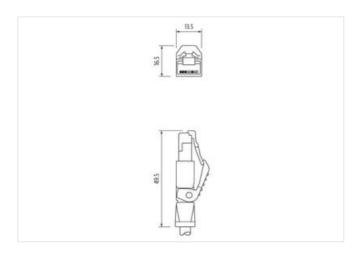
Link to Product

Illustration









Product may differ from Image









Cable length

4,5 m

Side 1

Mounting method inserted

The information in this Product-PDF has been compiled with the utmost care.

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RJ45 Family construction form No. of poles 4 Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 85444210 customs tariff number GTIN 4048879812214 Packaging unit Electrical data | Supply 60 V Operating voltage DC max. Current operating per contact max. 1,5 A Industrial communication CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1) Transfer parameters Data transmission rate max. 100 MBit/s Industrial communication | Ethernet functionality duplex Full duplex Diagnostics Status indication LED no Device protection | Electrical IP20 Degree of protection (EN IEC 60529) Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) Mechanical data without Contour for corrugated hose Mechanical data | Material data Material housing **PUR** PΑ Locking material Mechanical data | Mounting data Looking techniques Snap-in connector Environmental characteristics | Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be Note on bending radius endangered by excessive bending forces. Installation | Cable

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Cable identification

Type of Certificate

Amount stranding

Jacket Color

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659

green cURus



stay connected

| Stranding | 4 wires around Core filler twisted |
|---|--|
| Cable shielding (type) | copper braid, tinned |
| Cable shielding (coverage) | 85 % |
| Banding | Fleece, Foil |
| Filler | yes |
| wire arrangement | white, yellow, blue, orange |
| Cable weigth | 89,1 g/m |
| Material jacket | PUR |
| Shore hardness jacket | 90 ± Shore A |
| Freedom from ingredients (jacket) | lead-free, CFC-free, halogen-free |
| Outer-diameter (jacket) | 7,4 mm |
| Tolerance outer diameter (sheath) | ±5% |
| Material inner jacket | TPE-V |
| Color (inner jacket) | white |
| Material wire insulation | PE |
| Amount wires | 4 |
| Outer diameter insulation | 1,4 mm |
| Outer diameter tolerance core insulation | ±5% |
| Shore hardness wire insulation | 65 Shore D |
| Ingredient freeness wire insulation | lead-free, CFC-free, halogen-free |
| Amount strands (wire) | 7 |
| Diameter of single wires | 22 AWG |
| Conductor crosssection (wire) | 22 AWG |
| Material conductor wire | Stranded copper wire, bare |
| Traversing distance (C-track) | 5 m |
| Nominal voltage AC max. | 60 V |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 4,8 A |
| Characteristic impedance | 100 Ω ± 15 % |
| Electrical resistance line constant wire | 55 Ω/km @ 20 °C |
| AC withstand voltage (wire - wire) | 2 kV @ 60 s |
| Electrical capacity line constant (wire - wire) | 50000 pF/km |
| Power frequency withstand voltage (wire - jacket) | 2 kV @ 60 s |
| AC withstand voltage (wire - shield) | 2 kV @ 60 s |
| Loop resistance | 5000 MΩ × km |
| Min. operating temperature (static) | -40 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -30 °C |
| Operating temperature max. (dynamic) | 70 °C |
| Flame resistance | UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | DIN EN 60811-404 Good, application-related testing |
| Bending radius (fixed) | 5 x Outer diameter |
| Bending radius (dynamic) | 12 x Outer diameter |
| Travel speed (C-track) | 2 Mio. |