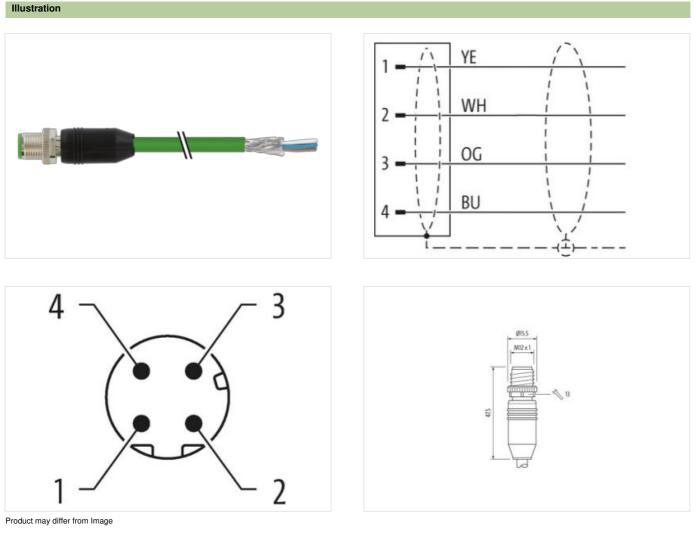


M12 male 0° D-cod. with cable shielded

TPE 22AWG SF/UTP CAT5e gn UL/CSA. ITC/PLTC 5m

USA Ethernet CAT5 Male straight M12, 4-pole D-coded 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





Cable length

5 m

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Side 1

| Side 1 | |
|--|---|
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Coding | D |
| No. of poles | 4 |
| Width across flats | SW13 |
| Side 2 | |
| Stripping length (jacket) | 20 mm |
| Commercial data | |
| ECLASS-6.0 | 27279218 |
| ECLASS-7.0 | 27279218 |
| ECLASS-8.0 | 27279218 |
| ECLASS-9.0 | 27060311 |
| ECLASS-10.1 | 27060307 |
| ECLASS-11.1 | 27060307 |
| ECLASS-12.0 | 27060307 |
| ETIM-5.0 | EC002599 |
| customs tariff number | 85444290 |
| GTIN | 4048879601382 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Operating voltage DC max. | 60 V |
| Current operating per contact max. | 1,5 A |
| Industrial communication | |
| Transfer parameters | CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) |
| Data transmission rate max. | 100 MBit/s |
| Industrial communication Ethernet fun | ctionality |
| duplex | Full duplex |
| Installation Connection | |
| Stripping length (jacket) | 20 mm |
| Device protection Electrical | |
| Degree of protection (EN IEC 60529) | IP65, IP67, IP66K |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 1,5 kV |
| Material group (IEC 60664-1) | |
| Mechanical data | |
| Contour for corrugated hose | without |
| Mechanical data Material data | |
| Coating locking | nickel plated |
| Locking material | Zinc die-casting |
| 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. |
| | |

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Note on bending radius



endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation | Cable Cable identification S7V Jacket Color green Type of Certificate cURus Amount stranding 2 Stranding 2 wires twisted Amount stranding (type 2) 1 Stranding (type 2) 2 Stranded joints twisted Cable shielding (type) copper braid, tinned Cable shielding (coverage) 75 % Banding Foil wire arrangement (white, blue), (orange, yellow) Cable weigth 74,8 g/m Material jacket TPE Freedom from ingredients (jacket) lead-free, CFC-free, halogen-free Outer-diameter (jacket) 7,87 mm Tolerance outer diameter (sheath) ±5% Material wire insulation HDPE Amount wires 4 Outer diameter insulation 1,47 mm Outer diameter tolerance core insulation ±5% Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Amount strands (wire) 19 Diameter of single wires 22 AWG Conductor crosssection (wire) 22 AWG Material conductor wire copper stranded wire, tinned Nominal voltage AC max. 600 V Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C UV resistance DIN EN ISO 4892-2 A Flame resistance IEC 60332-2-2 | UL 1581 § 1100 FT2 | UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing | DIN EN 60811-404 Bending radius (fixed) 8 x Outer diameter Travel speed (C-track) 35 Mio. @ 25 °C 5 Mio. 25 °C No. of torsion cycles ± 180 °/m

Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be

Torsion stress

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