**M12 male 0° D-cod. / RJ45 male 0° shielded**

TPE 2x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 1m

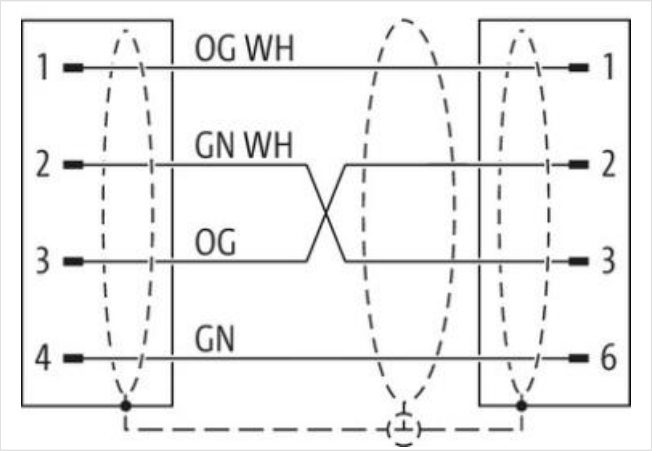
Ethernet CAT5
Further cable lengths on request.
Male straight – male straight

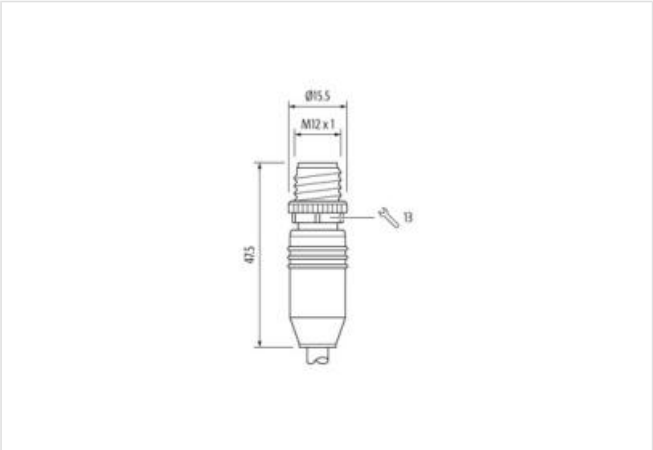
M12 – RJ45, 4-pole
D-coded
shielded
8-pole partly used
USA
without cable sleeves
Cable is approved for 600 V

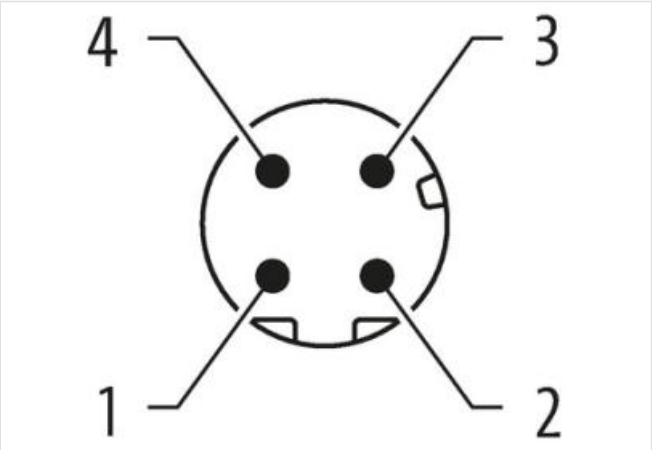
## Link do produto

**Ilustração**



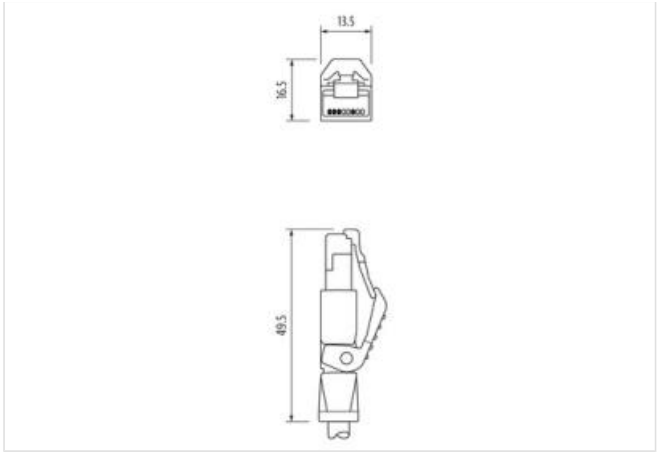


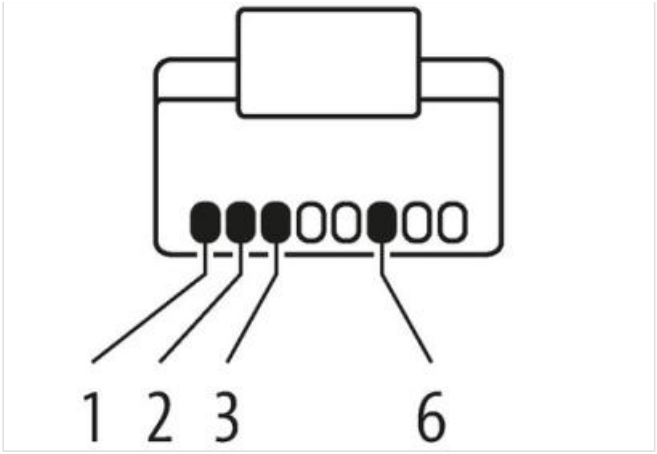




As informações contidas nesta folha de dados foram elaboradas com o máximo cuidado.
A falta de integridade, exatidão e atualização das informações é considerada negligência grave. versão: 28/03/2024

MURR ELEKTRONIK
stay connected




Produto pode diferir da imagem

| | |
|---|---|
| Cable length | 1 m |
| **Side 1** | |
| Mounting method | inserted, screwed |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Cable outlet | straight |
| Coding | D |
| No. of poles | 4 |
| Width across flats | SW13 |
| Degree of protection (EN IEC 60529) | IP67 |
| **Side 2** | |
| Mounting method | pluggable |
| Family construction form | RJ45 |
| Cable outlet | straight |
| No. of poles | 4 |
| Degree of protection (EN IEC 60529) | IP20 |
| **Dados comerciais** | |
| ECLASS-6.0 | 27061801 |
| ECLASS-7.0 | 27061801 |
| ECLASS-8.0 | 27061801 |
| ECLASS-9.0 | 27061801 |
| ECLASS-10.1 | 27060307 |
| ECLASS-11.1 | 27060307 |
| ECLASS-12.0 | 27060307 |
| ETIM-5.0 | EC002599 |
| Classificação fiscal | 85444290 |
| GTIN | 4048879619684 |
| Quantidade por embalagem | 1 |
| **Electrical data \| Supply** | |
| Operating voltage DC max. | 60 V |
| Current operating per contact max. | 1,5 A |
| **Industrial communication** | |

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| | |
|---|---|
| Transfer parameters | CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) |
| Data transmission rate max. | 100 MBit/s |
| **Industrial communication \| Ethernet functionality** | |
| duplex | Full duplex |
| **Device protection \| Electrical** | |
| Pollution Degree | 3 |
| Rated surge voltage | 1 kV |
| Material group (IEC 60664-1) | I |
| **Environmental characteristics \| Climatic** | |
| Operating temperature min. | -25 °C |
| Operating temperature max. | 85 °C |
| Additional condition temperature range | depending on cable quality |
| **Conformity** | |
| Product standard | DIN EN 61076-2-101 (M12) |
| **Installation \| Cable** | |
| Cable identification | S4U |
| Jacket Color | teal |
| Type of Certificate | cURus |
| Amount stranding | 2 |
| Stranding | 2 wires twisted |
| Stranding (type 2) | 2 Stranded joints twisted |
| Banding | Fleece |
| wire arrangement | (orange-white, orange), (green-white, green) |
| Cable weigth | 55,66 g/m |
| Material jacket | TPE |
| Freedom from ingredients (jacket) | lead-free, CFC-free |
| Outer-diameter (jacket) | 6,6 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | HDPE |
| Amount wires | 4 |
| Outer diameter insulation | 1,25 mm |
| Outer diameter tolerance core insulation | ± 5 % |
| Shore hardness wire insulation | 65 ± 3 Shore D |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount strands (wire) | 7 |
| Diameter of single wires | 22 AWG |
| Conductor crosssection (wire) | 24 AWG |
| Material conductor wire | copper stranded wire, tinned |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 4,8 A |
| Electrical resistance line constant wire | 59 Ω/km @ 20 °C |
| Nominal voltage power AC max. | 300 V |
| Electrical capacity line constant (wire - wire) (power) | 49000 pF/km |
| Power frequency withstand voltage power (wire - jacket) | 3 kV @ 60 s |
| AC withstand voltage power (wire - wire) | 3 kV @ 60 s |
| Min. operating temperature (static) | -40 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -5 °C |
| Operating temperature max. (dynamic) | 70 °C |
| Flame resistance | UL 1581 § 1100 FT2 \| UL 1581 § 1090 \| IEC 60332-2-2 |

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| | |
|---|---|
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | DIN EN 60811-404 \| Good, application-related testing |
| Bending radius (installation) | x Outer diameter |
| Bending radius (fixed) | 7 x Outer diameter |
| Bending radius (dynamic) | 12 x Outer diameter |

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