

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

PUR 1x4xAWG22 shielded gn UL/CSA 2m

Ethernet CAT5e

Transmission properties with channel transmission up to 100 m

Male straight – male straight

M12 – 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](#)**Illustration**

Product may differ from Image



| | |
|-------------------------------------|-------------------|
| Cable length | 2 m |
| Side 1 | |
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Cable outlet | straight |
| Coding | D |
| Material | PUR |
| No. of poles | 4 |
| Width across flats | SW13 |
| Degree of protection (EN IEC 60529) | IP65, IP66K, IP67 |

| | |
|-------------------------------------|-------------------|
| Side 2 | |
| Tightening torque | 0,6 Nm |
| Mounting method | inserted, screwed |
| Family construction form | M12 |
| Thread | M12 x 1 |
| Cable outlet | straight |
| Coding | D |
| Material | PUR |
| No. of poles | 4 |
| Width across flats | SW13 |
| Degree of protection (EN IEC 60529) | IP65, IP66K, IP67 |

| | |
|------------------------|---------------|
| 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 |
| customs tariff number | 85444290 |
| GTIN | 4048879441315 |
| Packaging unit | 1 |

| | |
|------------------------------------|-------|
| Electrical data Supply | |
| Operating voltage DC max. | 60 V |
| Current operating per contact max. | 1,5 A |

| | |
|---------------------------------|---------------------------------------------------|
| Industrial communication | |
| Transfer parameters | CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1) |
| Data transmission rate max. | 100 MBit/s |

Industrial communication | Ethernet functionality

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-02-16

| | |
|-------------------------------------------------|-------------------------------------------------------------------------------------------|
| duplex | Full duplex |
| 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) | I |
| Mechanical data | |
| Contour for corrugated hose | without |
| Mechanical data Material data | |
| Coating locking | Nickeled |
| Locking material | Zinc die-casting |
| Mechanical data Mounting data | |
| Mounting method | inserted, screwed, Shaking protection |
| Environmental characteristics Climatic | |
| Operating temperature min. | -25 °C |
| Operating temperature max. | 85 °C |
| Additional condition temperature range | depending on cable quality |
| Conformities, approvals | |
| Product standard | DIN EN 61076-2-101 (M12) |
| Cable | |
| Cable identification | 794 |
| Approval (cable) | cURus (AWM-Style 20549/10578), CE-conform |
| Cable weight [g/m] | 75,87 g |
| Material wire | Cu wire, bare |
| Resistor (core) | max. 55 Ω/km (20 °C) |
| Construction (core) | 7 × 0.254 mm |
| Diameter (core) | 1 × 4 × AWG22/7 |
| AWG | similar to AWG 22 |
| Material wire isolation | PE |
| Wire-Ø incl. isolation | 1.55 mm ±5% |
| Color/numbering of wires | wh, ye, bl, or |
| Shield | yes |
| Shield (Type) | Copper braid |
| Optical shield cover | min. 85% |
| Material jacket | PUR |
| Outer-Ø (jacket) | 6.7 mm ±5% |
| Color jacket | green |
| chemical resistance | Oil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std. |
| thermal resistance | flame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std. |
| Nominal voltage | 300 V |
| Temperature range (fixed) | -40...+80 °C |
| Temperature range (mobile) | -30...+70 °C |
| Bend radius (fixed) | 6 × outer Ø |
| Bend radius (moving) | 12 × outer Ø |