

M12-L fem. 4p D-cod. with conduit M17x1



| Part number | 21 03 882 2411 |
|--------------------|---|
| Specification | M12-L fem. 4p D-cod. with conduit M17x1 |
| HARTING eCatalogue | https://b2b.harting.com/21038822411 |

Image is for illustration purposes only. Please refer to product description.

Identification

| Category | Connectors |
|---------------|-------------------------|
| Series | Circular connectors M12 |
| Element | Cable connector |
| Specification | with conduit Straight |

Version

| Termination method | Crimp termination |
|--------------------|---|
| Gender | Female |
| Shielding | Shielded |
| Number of contacts | 4 |
| Coding | D-coding |
| Locking type | Screw locking |
| Details | Please order crimp contacts separately. |
| Details | For Fast Ethernet applications only |

Technical characteristics

| Conductor cross-section | 0.14 0.75 mm² |
|-------------------------|--------------------|
| Conductor cross-section | AWG 26 AWG 18 |
| Wire outer diameter | ≤2.3 mm |
| Rated current | 4 A |
| Rated voltage | 48 V AC 60 V DC |
| Rated impulse voltage | 1.5 kV |



Technical characteristics

| Pollution degree | 3 |
|---|------------------------------|
| Transmission characteristics | Cat. 5 Class D up to 100 MHz |
| Overvoltage category | III |
| Data rate | 10 Mbit/s 100 Mbit/s |
| Insulation resistance | >10 ⁸ Ω |
| Contact resistance | ≤10 mΩ |
| Tightening torque | 0.6 Nm |
| Wrench size (knurled screw / knurled nut) | 17 |
| Limiting temperature | -40 +85 °C |
| Mating cycles | ≥500 |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 mated condition |
| Cable diameter | 4.5 8.8 mm |
| Isolation group | I (600 ≤ CTI) |
| | |

Material properties

| ' ' | |
|--------------------------------------|--|
| Material (insert) | Polyamide (PA) |
| Material (hood/housing) | Zinc die-cast |
| RoHS | compliant with exemption |
| RoHS exemptions | 6(c): Copper alloy containing up to 4 % lead by weight |
| ELV status | compliant with exemption |
| China RoHS | 50 |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Yes |
| REACH SVHC substances | Lead |
| ECHA SCIP number | 0d7d3693-d625-47ab-934a-d241bf72c86e |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead Nickel Naphthalene |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| Requirement set with Hazard Levels | R26 |



Specifications and approvals

| Specifications | IEC 61076-2-101 |
|----------------|--|
| UL / CSA | UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079 |

Commercial data

| Packaging size | 1 |
|--------------------------------|--|
| Net weight | 42.1 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |
| GTIN | 5713140139800 |
| eCl@ss | 27440116 Circular connector (for field assembly) |