

M12 Panel feed-through M M16x1.5 5-pin



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

| | |
|--------------------|---|
| Part number | 21 03 311 1501 |
| Specification | M12 Panel feed-through M M16x1.5 5-pin |
| HARTING eCatalogue | https://b2b.harting.com/21033111501 |

Identification

| | |
|---------------|---------------------------------------|
| Category | Connectors |
| Series | Circular connectors M12 |
| Element | Panel feed through |
| Specification | With conductors for front mounting |

Version

| | |
|--------------------|----------------|
| Gender | Male |
| Locking type | Screw locking |
| Shielding | Unshielded |
| Number of contacts | 5 |
| Coding | A-coding |
| Pack contents | incl. lock nut |

Technical characteristics

| | |
|-------------------------|---------------------|
| Conductor cross-section | 0.5 mm ² |
| Conductor cross-section | AWG 20 |
| Rated current | 4 A |
| Rated voltage | 60 V |
| Rated impulse voltage | 1.5 kV |
| Pollution degree | 3 |
| Insulation resistance | >10 ⁸ Ω |
| Contact resistance | ≤10 mΩ |



Pushing Performance

Technical characteristics

| | |
|--|----------------------|
| Tightening torque | 2 Nm Lock nut |
| Ambient temperature | -40 ... +85 °C |
| Mating cycles | ≥100 |
| Degree of protection acc. to IEC 60529 | IP67 mated condition |
| Overvoltage category | III |
| Isolation group | I (600 ≤ CTI) |
| Conductor length | 50 cm |

Material properties

| | |
|-----------------------------|--|
| Material (insert) | Polyamide (PA) |
| Material (contacts) | Brass |
| Surface (contacts) | Gold plated |
| 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 | No |
| REACH ANNEX XIV substances | No |
| REACH SVHC substances | Yes |
| REACH SVHC substances | Lead |

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 | 35.4 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |
| eCl@ss | 27440103 Sensor-actuator connector chassis (sensor technology acc.) |