

Circular Connector w. Harax M12 L 3 F



| Part number | 21 03 241 2301 |
|--------------------|---------------------------------------|
| Specification | Circular Connector w. Harax M12 L 3 F |
| HARTING eCatalogue | https://b2b.harting.com/21032412301 |

Identification

| Category | Connectors |
|----------------|-------------------------|
| Series | Circular connectors M12 |
| Identification | M12-L |
| Element | Cable connector |
| Specification | Straight |

Version

| Termination method | HARAX [®] connection technology |
|--------------------|--|
| Gender | Female |
| Locking type | Screw locking |
| Shielding | Shielded |
| Number of contacts | 2 |
| Coding | B-coding |

Technical characteristics

| Conductor cross-section | 0.25 0.34 mm² |
|-------------------------|--------------------|
| Conductor cross-section | AWG 24 AWG 22 |
| Wire outer diameter | ≤2.6 mm |
| Rated current | 4 A |
| Rated voltage | 32 V |
| Rated impulse voltage | 1.5 kV |
| Pollution degree | 3 |
| Insulation resistance | >10 ⁸ Ω |
| Contact resistance | ≤10 mΩ |

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Technical characteristics

| Ambient temperature | -40 +85 °C |
|---|------------------------|
| Tightening torque | 0.6 Nm |
| Wrench size (knurled screw / knurled nut) | 17 |
| Mating cycles | ≥100 |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 when mated |
| Cable diameter | 4.5 8.8 mm |
| Overvoltage category | III |
| Isolation group | I (600 ≤ CTI) |

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

| ECBT2.E102079 2.2 No. 182.3 ECBT8.E102079 |
|--|
| |

Commercial data

| Packaging size | 1 |
|--------------------------------|----------|
| Net weight | 63.5 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |

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Commercial data

eCl@ss

27440102 Circular connector (for field assembly)

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