

M12-L shielded male 4-pole A-coded



| Part number | 21 03 221 1405 |
|--------------------|-------------------------------------|
| Specification | M12-L shielded male 4-pole A-coded |
| HARTING eCatalogue | https://b2b.harting.com/21032211405 |

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

Identification

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

Version

| Termination method | HARAX [®] connection technology |
|--------------------|--|
| Gender | Male |
| Shielding | Shielded |
| Number of contacts | 4 |
| Coding | A-coding |
| Locking type | Screw locking |

Technical characteristics

| Conductor cross-section | 0.14 0.34 mm² |
|-------------------------|---------------|
| Conductor cross-section | AWG 26 AWG 22 |
| Wire outer diameter | ≤1.6 mm |
| Rated current | 4 A |
| Rated voltage | 50 V |
| Rated impulse voltage | 1.5 kV |
| Pollution degree | 3 |
| Overvoltage category | III |

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Technical characteristics

| Insulation resistance | >10 ⁸ Ω |
|---|-----------------------------|
| Contact resistance | ≤10 mΩ |
| Tightening torque | 0.6 Nm |
| Wrench size (knurled screw / knurled nut) | 17 |
| Ambient temperature | -40 +85 °C |
| Mating cycles | ≥100 |
| 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 (contacts) | Brass |
| Surface (contacts) | Au over Ni Mating side |
| 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 |
| ECHA SCIP number | 0d7d3693-d625-47ab-934a-d241bf72c86e |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Nickel Lead Naphthalene |

Specifications and approvals

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

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Commercial data

| Packaging size | 1 |
|--------------------------------|--|
| Net weight | 52.1 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |
| eCl@ss | 27440102 Circular connector (for field assembly) |

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