

Circular ConnectorM12crimp female A-Code



| Part number | 21 03 812 2405 |
|--------------------|--|
| Specification | Circular ConnectorM12crimp female A-Code |
| HARTING eCatalogue | https://b2b.harting.com/21038122405 |

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

Identification

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

Version

| Termination method | Crimp termination |
|--------------------|---|
| Gender | Female |
| Shielding | Shielded |
| Number of contacts | 4 |
| Coding | A-coding |
| Locking type | Screw locking |
| Details | Please order crimp contacts separately. |

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 | 250 V |
| Rated impulse voltage | 1.5 kV |
| Pollution degree | 3 |
| Overvoltage category | III |

This product is not orderable anymore. Please contact your local distribution partner.



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 | ≥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 | 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 |

Commercial data

| Packaging size | 1 |
|----------------|--------|
| Net weight | 46.4 g |

Page 2 / 3 | Creation date 2022-02-07 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.

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Product data sheet
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Commercial data

| Country of origin | Germany |
|--------------------------------|--|
| European customs tariff number | 85366990 |
| eCl@ss | 27440102 Circular connector (for field assembly) |