

M12 Crimp Slim Design 8pol A-coded male



| Part number | 21 03 821 1805 |
|--------------------|---|
| Specification | M12 Crimp Slim Design 8pol A-coded male |
| HARTING eCatalogue | https://b2b.harting.com/21038211805 |

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

Identification

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

Version

| Termination method | Crimp termination |
|--------------------|---|
| Gender | Male |
| Shielding | Shielded |
| Number of contacts | 8 |
| Coding | A-coding |
| Locking type | Screw locking |
| Details | Please order crimp contacts separately. |

Technical characteristics

| Conductor cross-section | 0.13 0.33 mm² |
|-------------------------|--------------------|
| Conductor cross-section | AWG 26 AWG 22 |
| Wire outer diameter | ≤1.65 mm |
| Rated current | 2 A |
| Rated voltage | 30 V AC 30 V DC |
| Rated impulse voltage | 0.8 kV |

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Technical characteristics

| Pollution degree | 3 |
|---|-----------------------------|
| Overvoltage category | III |
| Insulation resistance | >10 ⁸ Ω |
| Contact resistance | ≤10 mΩ |
| Tightening torque | 0.6 Nm |
| Wrench size (knurled screw / knurled nut) | 15 |
| Ambient temperature | -40 +85 °C |
| Mating cycles | ≥500 |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 mated condition |
| Cable diameter | 5.7 8.8 mm |
| Isolation group | I (600 ≤ CTI) |

Material properties

| Material (insert) | Liquid crystal polymer (LCP) |
|--------------------------------------|-------------------------------|
| Material (hood/housing) | Zinc die-cast |
| RoHS | compliant |
| ELV status | compliant |
| China RoHS | e |
| REACH Annex XVII substances | No |
| REACH ANNEX XIV substances | No |
| REACH SVHC substances | No |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Nickel Lead Naphthalene |
| | napililaiche |

Specifications and approvals

| Specifications | IEC 61076-2-101 |
|----------------|-----------------------------------|
| UL / CSA | UL 2238 CYJV2.E302521 |
| | CSA-C22.2 No. 182.3 CYJV8.E302521 |

Commercial data

| Packaging size | 1 |
|-------------------|---------|
| Net weight | 46.2 g |
| Country of origin | Romania |

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Commercial data

European customs tariff number

eCl@ss

85366990

27440102 Circular connector (for field assembly)

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