

M12 Crimp Slim Design 5pol A-coded male



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

| | |
|--------------------|---|
| Part number | 21 03 821 1505 |
| Specification | M12 Crimp Slim Design 5pol A-coded male |
| HARTING eCatalogue | https://b2b.harting.com/21038211505 |

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 | 5 |
| Coding | A-coding |
| Locking type | Screw locking |
| Details | Please order crimp contacts separately. |

Technical characteristics

| | |
|-------------------------|-------------------------------|
| Conductor cross-section | 0.13 ... 0.82 mm ² |
| Conductor cross-section | AWG 26 ... AWG 18 |
| Wire outer diameter | ≤2.3 mm |
| Rated current | 4 A |
| Rated voltage | 48 V AC 60 V DC |
| Rated impulse voltage | 1.5 kV |



Pushing Performance

Technical characteristics

| | |
|---|-----------------------------|
| Pollution degree | 3 |
| Overvoltage category | III |
| Insulation resistance | $>10^8 \Omega$ |
| Contact resistance | $\leq 10 \text{ m}\Omega$ |
| 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 ($600 \leq \text{CTI}$) |

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 | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Not contained |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Nickel Lead Naphthalene |

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 | 45 g |
| Country of origin | Romania |



Pushing Performance

Commercial data

European customs tariff number 85366990

eCl@ss 27440102 Circular connector (for field assembly)