

M12 SD A-cod 4/5 pol Ø6 male straight



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

| | |
|--------------------|---|
| Part number | 21 03 821 1512 |
| Specification | M12 SD A-cod 4/5 pol Ø6 male straight |
| HARTING eCatalogue | https://b2b.harting.com/21038211512 |

Identification

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

Version

| | |
|--------------------|---|
| Termination method | Crimp termination |
| Gender | Male |
| Shielding | Shielded Shield connection with crimp flange |
| Number of contacts | 5 |
| Coding | A-coding |
| Locking type | Screw locking |
| Details | Please order crimp contacts separately. |

Technical characteristics

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|-------------------------|-------------------------------|
| 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
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Technical characteristics

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|---|-----------------------------|
| 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 |
| Limiting temperature | -40 ... +85 °C |
| Mating cycles | ≥ 500 |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 mated condition |
| Isolation group | I ($600 \leq \text{CTI}$) |

Material properties

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|--------------------------------------|--|
| Material (insert) | Liquid crystal polymer (LCP) |
| 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 | Lead |
| | Nickel |
| | Naphthalene |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| Requirement set with Hazard Levels | R22 (HL 1-3) |
| | R23 (HL 1-3) |

Specifications and approvals

| | |
|----------------|-----------------|
| Specifications | IEC 61076-2-101 |
|----------------|-----------------|



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Specifications and approvals

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|----------|-----------------------------------|
| UL / CSA | UL 2238 CYJV2.E302521 |
| | CSA-C22.2 No. 182.3 CYJV8.E302521 |

Commercial data

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|--------------------------------|--|
| Packaging size | 1 |
| Net weight | 50.5 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140225398 |
| ETIM | EC002635 |
| eCl@ss | 27440116 Circular connector (for field assembly) |