

Circular Con. M12crimp female B-Code5pol



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

| | |
|--------------------|---|
| Part number | 21 03 841 2505 |
| Specification | Circular Con. M12crimp female B-Code5pol |
| HARTING eCatalogue | https://b2b.harting.com/21038412505 |

Identification

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

Version

| | |
|--------------------|---|
| Termination method | Crimp termination |
| Gender | Female |
| Shielding | Shielded |
| Number of contacts | 5 |
| Coding | B-coding |
| Locking type | Screw locking |
| Details | Please order crimp contacts separately. |

Technical characteristics

| | |
|-------------------------|-------------------------------|
| Conductor cross-section | 0.14 ... 0.75 mm ² |
| Conductor cross-section | AWG 26 ... AWG 18 |
| Wire outer diameter | ≤2.3 mm |
| Rated current | 4 A |
| Rated voltage | 60 V |
| Rated impulse voltage | 1.5 kV |
| Pollution degree | 3 |
| Overvoltage category | III |



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Technical characteristics

| | |
|---|-----------------------------|
| Insulation resistance | $>10^8 \Omega$ |
| Contact resistance | $\leq 10 \text{ m}\Omega$ |
| Tightening torque | 0.6 Nm |
| Wrench size (knurled screw / knurled nut) | 17 |
| Limiting 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 ($600 \leq \text{CTI}$) |

Material properties

| | |
|--------------------------------------|-------------------------------|
| Material (insert) | Polyamide (PA) |
| 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 | Lead Nickel Naphthalene |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| Requirement set with Hazard Levels | R26 |

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 | 47 g |
| Country of origin | Germany |



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Commercial data

| | |
|--------------------------------|--|
| European customs tariff number | 85366990 |
| GTIN | 5713140139688 |
| eCl@ss | 27440116 Circular connector (for field assembly) |
