

M12-SD-CC-CRIMP-4P-DCOD-F-STR-CF



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

| | |
|--------------------|---|
| Part number | 21 03 881 2443 |
| Specification | M12-SD-CC-CRIMP-4P-DCOD-F-STR-CF |
| HARTING eCatalogue | https://b2b.harting.com/21038812443 |

Identification

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

Version

| | |
|--------------------|---|
| Termination method | Crimp termination |
| Gender | Female |
| Shielding | Shielded Shield connection with crimp flange |
| Number of contacts | 4 |
| Coding | D-coding |
| Locking type | Screw locking PushPull |
| Details | Please order crimp contacts separately. |
| Details | For Fast Ethernet applications only |

Technical characteristics

| | |
|-------------------------|-------------------------------|
| Conductor cross-section | 0.13 ... 0.82 mm ² |
| Conductor cross-section | AWG 26 ... AWG 18 |
| Wire outer diameter | ≤2.3 mm |



Pushing Performance
 Since 1945

Technical characteristics

| | |
|---|------------------------------|
| Rated current | 4 A |
| Rated voltage | 48 V AC 60 V DC |
| Rated impulse voltage | 1.5 kV |
| Pollution degree | 3 |
| Transmission characteristics | Cat. 5 Class D up to 100 MHz |
| Overvoltage category | III |
| Data rate | 10 Mbit/s 100 Mbit/s |
| Insulation resistance | >10 ⁸ Ω |
| Contact resistance | ≤10 mΩ |
| 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 ≤ 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 | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol Lead |
| ECHA SCIP number | be45dcda-0f90-459a-a8bc-78fb7986a295 |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |



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Material properties

| | |
|------------------------------------|------------------------------|
| Requirement set with Hazard Levels | R22 (HL 1-3) R23 (HL 1-3) |
|------------------------------------|------------------------------|

Specifications and approvals

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

Commercial data

| | |
|--------------------------------|--|
| Packaging size | 1 |
| Net weight | 53.25 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140225961 |
| eCl@ss | 27440116 Circular connector (for field assembly) |