

M12-SD-CC-IDC-4P-DCOD-M-STR-SHLD



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

| | |
|--------------------|---|
| Part number | 21 03 382 1410 |
| Specification | M12-SD-CC-IDC-4P-DCOD-M-STR-SHLD |
| HARTING eCatalogue | https://b2b.harting.com/21033821410 |

Identification

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

Version

| | |
|--------------------|--|
| Termination method | HARAX [®] connection technology |
| Gender | Male |
| Shielding | Shielded |
| Number of contacts | 4 |
| Coding | D-coding |
| Locking type | Screw locking |
| Details | For Fast Ethernet applications only |

Technical characteristics

| | |
|-------------------------|----------------------|
| Conductor cross-section | 0.14 mm ² |
| Conductor cross-section | AWG 26 |
| Wire outer diameter | ≤1.6 mm |
| Rated current | 4 A |
| Rated voltage | 50 V |
| Rated impulse voltage | 1.5 kV |
| Pollution degree | 3 |



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Technical characteristics

| | |
|---|------------------------------|
| Transmission characteristics | Cat. 5 Class D up to 100 MHz |
| Overvoltage category | III |
| Data rate | 10 Mbit/s 100 Mbit/s |
| Insulation resistance | $>10^8 \Omega$ |
| 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 | ≥ 100 |
| 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) | Polyamide (PA) |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Au over Ni Mating side |
| 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 |

Specifications and approvals

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



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Commercial data

| | |
|--------------------------------|--|
| Packaging size | 1 |
| Net weight | 52.9 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140225343 |
| eCl@ss | 27440116 Circular connector (for field assembly) |