

## 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 1400  |
| Specification      | M12-SD-CC-IDC-4P-DCOD-M-STR-SHLD  |
| HARTING eCatalogue | <a href="https://harting.com/21033821400">https://harting.com/21033821400</a> |

### 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       | 0.34 mm <sup>2</sup> |
| Conductor cross-section [AWG] | AWG 22               |
| Wire outer diameter           | ≤1.6 mm              |
| Rated current                 | 4 A                  |
| Rated voltage                 | 50 V                 |
| Rated impulse voltage         | 1.5 kV               |
| Pollution degree              | 3                    |

## Technical characteristics

|   |                              |
|---|------------------------------|
| Transmission characteristics              | Cat. 5 Class D up to 100 MHz |
| Overvoltage category                      | III                          |
| Data rate                                 | 10 Mbit/s<br>100 Mbit/s      |
| Insulation resistance                     | >10 <sup>8</sup> Ω           |
| Contact resistance                        | ≤10 mΩ                       |
| 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 ≤ 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<br>Nickel         |

## Specifications and approvals

|                |  |
|----------------|--|
| Specifications | IEC 61076-2-101  |
| UL / CSA       | UL 2238 CYJV2.E302521<br>CSA-C22.2 No. 182.3 CYJV8.E302521 |
| PROFINET       | Yes  |

## Commercial data

|                                |  |
|--------------------------------|--|
| Packaging size                 | 1  |
| Net weight                     | 45.9 g   |
| Country of origin              | Romania  |
| European customs tariff number | 85366990   |
| GTIN                           | 5713140225336                                    |
| ETIM                           | EC002635   |
| eCl@ss                         | 27440116 Circular connector (for field assembly) |