

## M12-PP-CC-IDC-4P-DCOD-M-STR-SHLD



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

|                    |   |
|--------------------|---|
| Part number        | 21 03 382 1411  |
| Specification      | M12-PP-CC-IDC-4P-DCOD-M-STR-SHLD  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/21033821411">https://b2b.harting.com/21033821411</a> |

### Identification

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

### Version

|                    |  |
|--------------------|--|
| Termination method | HARAX <sup>®</sup> connection technology |
| Gender             | Male                                     |
| Shielding          | Shielded                                 |
| Number of contacts | 4  |
| Coding             | D-coding                                 |
| Locking type       | Outer PushPull                           |
| Details            | For Fast Ethernet applications only      |

### Technical characteristics

|                         |                      |
|-------------------------|----------------------|
| Conductor cross-section | 0.14 mm <sup>2</sup> |
| 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<br>100 Mbit/s      |
| Insulation resistance                  | $>10^8 \Omega$               |
| Contact resistance                     | $\leq 10 \text{ m}\Omega$    |
| Limiting temperature                   | -40 ... +85 °C               |
| Mating cycles                          | $\geq 100$                   |
| 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 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<br>Nickel<br>Naphthalene                          |

## Specifications and approvals

|                |                                    |
|----------------|------------------------------------|
| Specifications | IEC 61076-2-101<br>IEC 61076-2-010 |
|----------------|------------------------------------|



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## Specifications and approvals

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

## Commercial data

|                                |  |
|--------------------------------|--|
| Packaging size                 | 1  |
| Net weight                     | 60.5 g   |
| Country of origin              | Romania  |
| European customs tariff number | 85389099   |
| GTIN                           | 5713140226814                                    |
| eCl@ss                         | 27440116 Circular connector (for field assembly) |