

## Circular Connector M12 crimp male D-code



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

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 21 03 882 1415                                                                        |
| Specification      | Circular Connector M12 crimp male D-code                                              |
| HARTING eCatalogue | <a href="https://b2b.harting.com/21038821415">https://b2b.harting.com/21038821415</a> |

### Identification

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

### Version

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

### Technical characteristics

|                         |                               |
|-------------------------|-------------------------------|
| Conductor cross-section | 0.14 ... 0.75 mm <sup>2</sup> |
| Conductor cross-section | AWG 26 ... AWG 18             |
| Wire outer diameter     | ≤2.3 mm                       |
| Rated current           | 4 A                           |
| Rated voltage           | 250 V                         |
| Rated impulse voltage   | 1.5 kV                        |
| Pollution degree        | 3                             |



Pushing Performance

## 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                           |
| Ambient temperature                       | -40 ... +85 °C               |
| Mating cycles                             | $\geq 500$                   |
| Degree of protection acc. to IEC 60529    | IP65 / IP67 when mated       |
| Cable diameter                            | 4.5 ... 8.8 mm               |
| Transmission characteristics              | Cat. 5 Class D up to 100 MHz |
| Overvoltage category                      | III                          |
| Isolation group                           | I ( $600 \leq \text{CTI}$ )  |

## Material properties

|                             |                                                        |
|-----------------------------|--------------------------------------------------------|
| Material (insert)           | Polyamide (PA)                                         |
| 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 | No                                                     |
| REACH ANNEX XIV substances  | No                                                     |
| REACH SVHC substances       | Yes                                                    |
| REACH SVHC substances       | Lead                                                   |

## 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        | 35 g    |
| Country of origin | Germany |



**Pushing Performance**

## Commercial data

European customs tariff number 85389099

eCl@ss 27440102 Circular connector (for field assembly)