

## M12 SD fem D-cod 4-pole crimpflange



|                    |   |
|--------------------|---|
| Part number        | 21 03 881 2407  |
| Specification      | M12 SD fem D-cod 4-pole crimpflange   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/21038812407">https://b2b.harting.com/21038812407</a> |

### Identification

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

### Version

|                    |  |
|--------------------|--|
| Termination method | Crimp termination  |
| Gender             | Female   |
| Locking type       | Screw locking  |
| Shielding          | Shielded<br>Shield connection with crimp flange  |
| Number of contacts | 4  |
| Coding             | D-coding   |
| Details            | Please order crimp contacts separately.<br>Please order M12 crimp flange set separately. |

### Technical characteristics

|                         |                               |
|-------------------------|-------------------------------|
| Conductor cross-section | 0.13 ... 0.82 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 <sup>8</sup> Ω                |
| Contact resistance                     | ≤10 mΩ                             |
| Ambient temperature                    | -40 ... +85 °C                     |
| Tightening torque                      | 0.6 Nm                             |
| Wrench size                            | A/F 15 Knurled screw / knurled nut |
| Mating cycles                          | ≥500                               |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 when mated             |
| Transmission characteristics           | Cat. 5 Class D up to 100 MHz       |
| Overvoltage category                   | III                                |
| Isolation group                        | I (600 ≤ CTI)                      |

## Material properties

|                             |  |
|-----------------------------|--|
| Material (insert)           | LCP  |
| Material (hood/housing)     | Zinc die-cast  |
| RoHS                        | compliant with exemption                             |
| RoHS exemptions             | 6c: 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 |
|----------------|-----------------|

## Commercial data

|                                |  |
|--------------------------------|--|
| Packaging size                 | 10   |
| Country of origin              | Romania  |
| European customs tariff number | 85366990   |
| eCl@ss                         | 27440102 Circular connector (for field assembly) |