

## WDF M12-F-M16x1,5-A kod.-4po-m.Litze 500



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

|                    |   |
|--------------------|---|
| Part number        | 21 03 311 2400  |
| Specification      | WDF M12-F-M16x1,5-A kod.-4po-m.Litze 500  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/21033112400">https://b2b.harting.com/21033112400</a> |

### Identification

|               |                                       |
|---------------|---------------------------------------|
| Category      | Connectors                            |
| Series        | Circular connectors M12               |
| Element       | Panel feed through                    |
| Specification | With conductors<br>for front mounting |

### Version

|                    |                |
|--------------------|----------------|
| Gender             | Female         |
| Shielding          | Unshielded     |
| Number of contacts | 4              |
| Coding             | A-coding       |
| Locking type       | Screw locking  |
| Pack contents      | incl. lock nut |

### Technical characteristics

|                         |                     |
|-------------------------|---------------------|
| Conductor cross-section | 0.5 mm <sup>2</sup> |
| Conductor cross-section | AWG 20              |
| Rated current           | 4 A                 |
| Rated voltage           | 250 V               |
| Rated impulse voltage   | 1.5 kV              |
| Pollution degree        | 3                   |
| Overvoltage category    | III                 |
| Insulation resistance   | >10 <sup>8</sup> Ω  |



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## Technical characteristics

|  |                      |
|--|----------------------|
| Contact resistance                     | ≤10 mΩ               |
| Tightening torque                      | 2 Nm Lock nut        |
| Limiting temperature                   | -40 ... +85 °C       |
| Mating cycles                          | ≥100                 |
| Degree of protection acc. to IEC 60529 | IP67 mated condition |
| Isolation group                        | I (600 ≤ CTI)        |
| Conductor length                       | 50 cm                |

## Material properties

|                                      |  |
|--------------------------------------|--|
| Material (insert)                    | Polyamide (PA)   |
| Material (contacts)                  | Brass  |
| 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                          |
| Fire protection on railway vehicles  | EN 45545-2 (2020-08)                                   |
| Requirement set with Hazard Levels   | R26  |

## Specifications and approvals

|                |  |
|----------------|--|
| Specifications | IEC 61076-2-101  |
| UL / CSA       | UL 1977 ECBT2.E102079<br>CSA-C22.2 No. 182.3 ECBT8.E102079 |



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## Commercial data

|                                |   |
|--------------------------------|---|
| Packaging size                 | 1   |
| Net weight                     | 31.72 g   |
| Country of origin              | Germany   |
| European customs tariff number | 85444290  |
| GTIN                           | 5713140137585   |
| eCl@ss                         | 27440103 Sensor-actuator connector chassis (sensor technology acc.) |