

## M12-S-PPI-CC-IDC-4P-ACOD-F-STR



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

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 21 03 111 2415                                                                        |
| Specification      | M12-S-PPI-CC-IDC-4P-ACOD-F-STR                                                        |
| HARTING eCatalogue | <a href="https://b2b.harting.com/21031112415">https://b2b.harting.com/21031112415</a> |

### Identification

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

### Version

|                    |                              |
|--------------------|------------------------------|
| Termination method | HARAX® connection technology |
| Gender             | Female                       |
| Shielding          | Unshielded                   |
| Number of contacts | 4                            |
| Coding             | A-coding                     |
| Locking type       | Outer PushPull               |

### Technical characteristics

|                         |                               |
|-------------------------|-------------------------------|
| Conductor cross-section | 0.14 ... 0.34 mm <sup>2</sup> |
| Conductor cross-section | AWG 26 ... AWG 22             |
| Wire outer diameter     | ≤1.6 mm                       |
| Rated current           | 4 A                           |
| Rated voltage           | 48 V AC<br>60 V DC            |
| Rated impulse voltage   | 1.5 kV                        |
| Pollution degree        | 3                             |



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## Technical characteristics

|                                        |                             |
|----------------------------------------|-----------------------------|
| Overvoltage category                   | III                         |
| 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                         | 2.9 ... 5.1 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              |
| 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 | Not contained          |

## Specifications and approvals

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

## Commercial data

|                                |               |
|--------------------------------|---------------|
| Packaging size                 | 1             |
| Net weight                     | 17 g          |
| Country of origin              | Germany       |
| European customs tariff number | 85366990      |
| GTIN                           | 5713140226777 |
| ETIM                           | EC002635      |



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eCl@ss

27440116 Circular connector (for field assembly)