

## M12 PFT Crimp SD Female 4+5pole A-Coded



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 21 03 821 2525                                                                |
| Specification      | M12 PFT Crimp SD Female 4+5pole A-Coded                                       |
| HARTING eCatalogue | <a href="https://harting.com/21038212525">https://harting.com/21038212525</a> |

### Identification

|                |                                       |
|----------------|---------------------------------------|
| Category       | Connectors                            |
| Series         | Circular connectors M12               |
| Identification | Slim Design<br>PushPull               |
| Element        | Cable connector<br>Panel feed through |
| Specification  | for rear mounting                     |

### Version

|                    |                                         |
|--------------------|-----------------------------------------|
| Termination method | Crimp termination                       |
| Gender             | Female                                  |
| Shielding          | Shielded                                |
| Number of contacts | 5<br>4                                  |
| Coding             | A-coding                                |
| Locking type       | Screw locking<br>PushPull               |
| Details            | Please order crimp contacts separately. |

### Technical characteristics

|                               |                               |
|-------------------------------|-------------------------------|
| Conductor cross-section       | 0.13 ... 0.82 mm <sup>2</sup> |
| Conductor cross-section [AWG] | AWG 26 ... AWG 18             |
| Wire outer diameter           | ≤2.3 mm                       |
| Rated current                 | 4 A                           |



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## Technical characteristics

|                                           |                                       |
|-------------------------------------------|---------------------------------------|
| Rated voltage                             | 48 V AC                               |
|                                           | 60 V DC                               |
| Rated voltage                             | 110 V AC/DC when used with 4 contacts |
| Rated impulse voltage                     | 1.5 kV                                |
| Pollution degree                          | 3                                     |
| Overvoltage category                      | III                                   |
| Insulation resistance                     | $>10^8 \Omega$                        |
| Contact resistance                        | $\leq 10 \text{ m}\Omega$             |
| Tightening torque                         | 2 Nm Lock nut                         |
| Wrench size (knurled screw / knurled nut) | 15                                    |
| Limiting temperature                      | -40 ... +85 °C                        |
| Mating cycles                             | $\geq 500$                            |
| Degree of protection acc. to IEC 60529    | IP65 / IP67 mated condition           |
| Isolation group                           | I ( $600 \leq \text{CTI}$ )           |

## Material properties

|                                      |                |
|--------------------------------------|----------------|
| Material (insert)                    | Polyamide (PA) |
| 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 | Yes            |
| California Proposition 65 substances | Nickel         |

## Specifications and approvals

|                |                 |
|----------------|-----------------|
| Specifications | IEC 61076-2-101 |
|----------------|-----------------|

## Commercial data

|                   |         |
|-------------------|---------|
| Packaging size    | 1       |
| Net weight        | 38 g    |
| Country of origin | Romania |



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## Commercial data

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| European customs tariff number | 85366990                                         |
| GTIN                           | 5713140225596                                    |
| eCl@ss                         | 27440116 Circular connector (for field assembly) |
| ETIM                           | EC002635                                         |
| UNSPSC 24.0                    | 39121413                                         |