

## M12 SD PFT Male A cod 5 pol



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

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 21 03 821 1525                                                                        |
| Specification      | M12 SD PFT Male A cod 5 pol                                                           |
| HARTING eCatalogue | <a href="https://b2b.harting.com/21038211525">https://b2b.harting.com/21038211525</a> |

### Identification

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

### Version

|                    |                                         |
|--------------------|-----------------------------------------|
| Termination method | Crimp termination                       |
| Gender             | Male                                    |
| Shielding          | Shielded                                |
| Number of contacts | 4<br>5                                  |
| Coding             | A-coding                                |
| Locking type       | Screw locking                           |
| Details            | Please order crimp contacts 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           | 48 V AC<br>60 V DC            |



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## Technical characteristics

|                                        |                             |
|----------------------------------------|-----------------------------|
| 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               |
| 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)                    | Liquid crystal polymer (LCP) |
| 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                       |
| Fire protection on railway vehicles  | EN 45545-2 (2020-08)         |
| Requirement set with Hazard Levels   | R26                          |

## Specifications and approvals

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

## Commercial data

|                                |          |
|--------------------------------|----------|
| Packaging size                 | 1        |
| Net weight                     | 38.7 g   |
| Country of origin              | Romania  |
| European customs tariff number | 85366990 |



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## Commercial data

|        |                                                  |
|--------|--------------------------------------------------|
| GTIN   | 5713140225473                                    |
| ETIM   | EC002635                                         |
| eCl@ss | 27440116 Circular connector (for field assembly) |