

## PFT M12-crimp shielded female B-Code 5pol



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

|                    |   |
|--------------------|---|
| Part number        | 21 03 841 2525  |
| Specification      | PFT M12-crimp shielded female B-Code 5pol                                     |
| HARTING eCatalogue | <a href="https://harting.com/21038412525">https://harting.com/21038412525</a> |

### Identification

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

### Version

|                    |   |
|--------------------|---|
| Termination method | Crimp termination                       |
| Gender             | Female                                  |
| Shielding          | Shielded                                |
| Number of contacts | 5                                       |
| Coding             | B-coding                                |
| Locking type       | Screw locking                           |
| Details            | Please order crimp contacts separately. |

### Technical characteristics

|                               |                               |
|-------------------------------|-------------------------------|
| Conductor cross-section       | 0.14 ... 0.75 mm <sup>2</sup> |
| Conductor cross-section [AWG] | AWG 26 ... AWG 18             |
| Wire outer diameter           | ≤2.3 mm                       |
| Rated current                 | 4 A                           |
| Rated voltage                 | 60 V                          |
| Rated impulse voltage         | 1.5 kV                        |
| Pollution degree              | 3                             |

## Technical characteristics

|  |                             |
|--|-----------------------------|
| 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 |
| Cable diameter                         | 4.5 ... 8.8 mm              |
| Isolation group                        | I ( $600 \leq \text{CTI}$ ) |
| Thickness of the panel                 | 2.5 ... 4.5 mm              |

## Material properties

|                                      |  |
|--------------------------------------|--|
| Material (insert)                    | Polyamide (PA)   |
| 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   |
| Fire protection on railway vehicles  | EN 45545-2 (2020-08) + A1 (2023-10)                    |
| 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 |

## Commercial data

|                                |  |
|--------------------------------|--|
| Packaging size                 | 1  |
| Net weight                     | 45 g   |
| Country of origin              | Romania  |
| European customs tariff number | 85366990   |
| GTIN                           | 5713140139695                                    |
| eCl@ss                         | 27440116 Circular connector (for field assembly) |
| ETIM                           | EC002635   |
| UNSPSC 24.0                    | 39121413   |