

## M12 PFT Crimp SD Female 8pole A-Coded



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

|                    |   |
|--------------------|---|
| Part number        | 21 03 821 2825  |
| Specification      | M12 PFT Crimp SD Female 8pole A-Coded   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/21038212825">https://b2b.harting.com/21038212825</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 | 8                                       |
| Coding             | A-coding                                |
| Locking type       | Screw locking<br>PushPull               |
| Details            | Please order crimp contacts separately. |

### Technical characteristics

|                         |                               |
|-------------------------|-------------------------------|
| Conductor cross-section | 0.13 ... 0.33 mm <sup>2</sup> |
| Conductor cross-section | AWG 26 ... AWG 22             |
| Wire outer diameter     | ≤1.65 mm                      |
| Rated current           | 2 A                           |

## Technical characteristics

|   |                             |
|---|-----------------------------|
| Rated voltage                             | 30 V AC<br>30 V DC          |
| Rated impulse voltage                     | 0.8 kV                      |
| Pollution degree                          | 3                           |
| Overvoltage category                      | III                         |
| Insulation resistance                     | >10 <sup>8</sup> Ω          |
| Contact resistance                        | ≤10 mΩ                      |
| Tightening torque                         | 2 Nm Lock nut               |
| Wrench size (knurled screw / knurled nut) | 15                          |
| Limiting temperature                      | -40 ... +85 °C              |
| Mating cycles                             | ≥500                        |
| Degree of protection acc. to IEC 60529    | IP65 / IP67 mated condition |
| Cable diameter                            | 5.7 ... 8.8 mm              |
| Isolation group                           | I (600 ≤ 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 | Lead<br>Nickel<br>Naphthalene |

## Specifications and approvals

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

## Commercial data

|                |     |
|----------------|-----|
| Packaging size | 1   |
| Net weight     | 1 g |

### Commercial data

|                                |  |
|--------------------------------|--|
| Country of origin              | Romania  |
| European customs tariff number | 85366990   |
| GTIN                           | 5713140225701                                    |
| ETIM                           | EC002635   |
| eCl@ss                         | 27440116 Circular connector (for field assembly) |