

PFT M12-crimp shielde 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 shielde female B-Code 5pol |
| HARTING eCatalogue | https://b2b.harting.com/21038412525 |

Identification

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

Version

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

Technical characteristics

| | |
|-------------------------|-------------------------------|
| Conductor cross-section | 0.14 ... 0.75 mm ² |
| Conductor cross-section | 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 |



Pushing Performance

Technical characteristics

| | |
|--|-----------------------------|
| Insulation resistance | $>10^8 \Omega$ |
| Contact resistance | $\leq 10 \text{ m}\Omega$ |
| Ambient temperature | -40 ... +85 °C |
| Tightening torque | 2 Nm Lock nut |
| Mating cycles | ≥ 500 |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 when mated |
| Cable diameter | 4.5 ... 8.8 mm |
| Overvoltage category | III |
| Isolation group | I ($600 \leq \text{CTI}$) |
| Thickness of the panel | 2.5 ... 4.5 mm |

Material properties

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|-----------------------------|--|
| 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 | No |
| REACH ANNEX XIV substances | No |
| REACH SVHC substances | Yes |
| REACH SVHC substances | Lead |

Specifications and approvals

| | |
|----------------|--|
| Specifications | IEC 61076-2-101 |
| UL / CSA | UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079 |

Commercial data

| | |
|--------------------------------|----------|
| Packaging size | 1 |
| Net weight | 50.2 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |



Pushing Performance

Commercial data

eCl@ss

27440102 Circular connector (for field assembly)