

M12 PFT Crimp 8-pole X-coded female 0.5m



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

| | |
|--------------------|---|
| Part number | 21 33 070 0853 005 |
| Specification | M12 PFT Crimp 8-pole X-coded female 0.5m |
| HARTING eCatalogue | https://b2b.harting.com/21330700853005 |

Identification

| | |
|----------------|--|
| Category | Connectors |
| Series | Circular connectors M12 |
| Identification | PushPull |
| Element | Panel feed through |
| Specification | Pre-assembled on one side EtherRail cable (4x 2x AWG 24/7) for rear mounting |

Version

| | |
|--------------------|---------------------------|
| Cable length | 0.5 m |
| Core structure | 4x 2x AWG 24/7 |
| Gender | Female |
| Shielding | Shielded |
| Number of contacts | 8 |
| Coding | X-coding |
| Locking type | Screw locking PushPull |

Technical characteristics

| | |
|------------------------------|--|
| Rated current | 0.5 A |
| Rated voltage | 50 V |
| Rated impulse voltage | 1.5 kV |
| Pollution degree | 3 |
| Transmission characteristics | Cat. 6 _A Class E _A up to 500 MHz |



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Technical characteristics

| | |
|--|-----------------------------|
| Overvoltage category | III |
| Data rate | 10 Mbit/s |
| | 100 Mbit/s |
| | 1 Gbit/s |
| | 2.5 Gbit/s |
| | 5 Gbit/s |
| | 10 Gbit/s |
| Insulation resistance | $>10^8 \Omega$ |
| Contact resistance | $\leq 10 \text{ m}\Omega$ |
| Tightening torque | 2 Nm Lock nut |
| Wrench size | 18 |
| Limiting temperature | -40 ... +85 °C |
| Mating cycles | ≥ 100 |
| 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 (contacts) | Brass |
| Surface (contacts) | Au over Ni Mating side |
| 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 | a37d5146-999a-4b9a-b795-2f24e0cbb884 |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead |
| | Nickel |
| | Naphthalene |



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Specifications and approvals

| | |
|----------------|-----------------|
| Specifications | IEC 61076-2-109 |
|----------------|-----------------|

Commercial data

| | |
|--------------------------------|---|
| Packaging size | 1 |
| Net weight | 83 g |
| Country of origin | Romania |
| European customs tariff number | 85444290 |
| GTIN | 5713140227880 |
| eCl@ss | 27440103 Sensor-actuator connector chassis (sensor technology actuator) |

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