

M12 panel feed through/PCB angled D-code

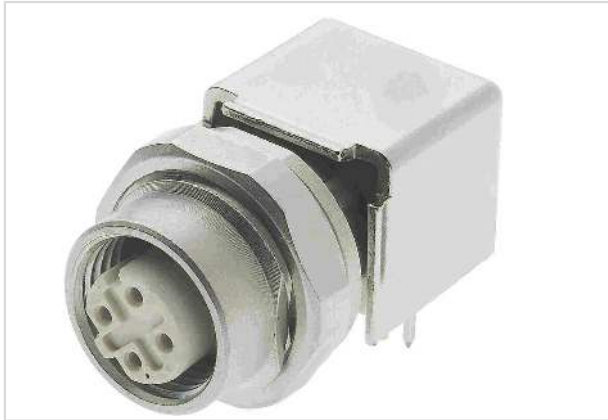


Image is for illustration purposes only. Please refer to product description.

| | |
|--------------------|---|
| Part number | 21 03 381 4410 |
| Specification | M12 panel feed through/PCB angled D-code |
| HARTING eCatalogue | https://b2b.harting.com/21033814410 |

Identification

| | |
|---------------|-----------------------------|
| Category | Connectors |
| Series | Circular connectors M12 |
| Element | PCB adapter |
| Specification | Angled for rear mounting |

Version

| | |
|--------------------|--|
| Termination method | Reflow soldering termination (THR) |
| Gender | Female |
| Shielding | Shielded |
| Number of contacts | 4 |
| Coding | D-coding |
| Locking type | Screw locking |
| Details | Coding bottom left = Cable entry direction on the angled connector: to the right |

Technical characteristics

| | |
|------------------------------|------------------------------|
| Rated current | 4 A |
| Rated voltage | 50 V |
| Rated impulse voltage | 1.5 kV |
| Pollution degree | 3 |
| Transmission characteristics | Cat. 5 Class D up to 100 MHz |
| Overvoltage category | III |
| Data rate | 10 Mbit/s 100 Mbit/s |



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Technical characteristics

| | |
|--|-----------------------------|
| 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 | ≥ 100 |
| Degree of protection acc. to IEC 60529 | IP20 |
| Isolation group | I ($600 \leq \text{CTI}$) |

Material properties

| | |
|---|------------------------------|
| Material (insert) | Liquid crystal polymer (LCP) |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Au over Ni Mating side |
| Material (hood/housing) | Zinc die-cast |
| Material flammability class acc. to UL 94 | V-0 |
| 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 |
| UL / CSA | UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076 |
| PROFINET | Yes |

Commercial data

| | |
|----------------|-----|
| Packaging size | 10 |
| Net weight | 2 g |



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Commercial data

| | |
|--------------------------------|--|
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140138315 |
| eCl@ss | 27460201 PCB connector (board connector) |