

M12 Cat5 Bu gerade HWM



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|--------------------|---|
| Part number | 21 03 381 2812 |
| Specification | M12 Cat5 Bu gerade HWM |
| HARTING eCatalogue | https://b2b.harting.com/21033812812 |

Identification

| | |
|-----------------------------|--|
| Category | Connector |
| Series | Circular connectors M12 |
| Element | PCB adapter |
| Specification | Straight incl. housing for rear mounting |
| Description of hood/housing | 9 mm |

Version

| | |
|--------------------|--|
| Termination method | Reflow soldering termination (THR/SMC) |
| Gender | Female |
| Locking type | Screw locking |
| Shielding | Shielded |
| Number of contacts | 8 |
| Coding | X-coding |

Technical characteristics

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|-----------------------|---------------------------|
| Rated current | 0.5 A |
| Rated voltage | 50 V |
| Rated impulse voltage | 0.8 kV |
| Pollution degree | 3 |
| Insulation resistance | $> 10^8 \Omega$ |
| Contact resistance | $\leq 10 \text{ m}\Omega$ |
| Ambient temperature | -40 ... +85 °C |



Pushing Performance

Technical characteristics

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|--|------------------------------|
| Mating cycles | ≥100 |
| Degree of protection acc. to IEC 60529 | IP67 |
| Transmission characteristics | Cat. 5 Class D up to 100 MHz |
| Overvoltage category | III |
| Isolation group | I ($600 \leq CTI$) |

Material properties

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|-----------------------------|--|
| Material (insert) | LCP |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Gold plated |
| Material (hood/housing) | Zinc die-cast |
| RoHS | compliant with exemption |
| RoHS exemptions | 6c: 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 61076-2-109 |
| UL / CSA | UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079 |

Commercial data

| | |
|--------------------------------|------------------------|
| Packaging size | 60 |
| Net weight | 25 g |
| Country of origin | Germany |
| European customs tariff number | 85389099 |
| eCl@ss | 27440402 PCB connector |