



Pushing Performance
Since 1945

M8 PCB Adapter 4pol Dcod. female



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

| | |
|--------------------|-------------------------------------------------------------------------------|
| Part number | 21 02 381 2431 |
| Specification | M8 PCB Adapter 4pol Dcod. female |
| HARTING eCatalogue | https://harting.com/21023812431 |

Identification

| | |
|---------------|--------------------------------|
| Category | Connectors |
| Series | Circular connectors M8 |
| Element | PCB connector |
| Specification | Straight for front mounting |

Version

| | |
|--------------------|------------------------------------|
| Termination method | Reflow soldering termination (THR) |
| Gender | Female |
| Shielding | Shielded |
| Number of contacts | 4 |
| Coding | D-coding |
| Pack contents | incl. housing |

Technical characteristics

| | |
|------------------------------|------------------------------|
| Rated current | 4 A |
| Rated voltage | 60 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 |
| Insulation resistance | >10 ⁸ Ω |



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Technical characteristics

| | |
|----------------------------------------|-----------------------------|
| Contact resistance | ≤10 mΩ |
| Tightening torque | 1 Nm Lock nut |
| Limiting temperature | -40 ... +85 °C |
| Mating cycles | ≥100 |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 mated condition |
| Isolation group | I (600 ≤ CTI) |

Material properties

| | |
|--------------------------------------|--------------------------------------------------------|
| Material (contacts) | Copper alloy |
| Surface (contacts) | Au over Ni Mating side |
| 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 | 0d7d3693-d625-47ab-934a-d241bf72c86e |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) + A1 (2023-10) |
| Requirement set with Hazard Levels | R26 |

Specifications and approvals

| | |
|----------------|-----------------|
| Specifications | IEC 61076-2-114 |
| PROFINET | Yes |

Commercial data

| | |
|--------------------------------|---------------|
| Packaging size | 1 |
| Net weight | 14 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140224971 |



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Commercial data

| | |
|-------------|------------------------------------------|
| eCl@ss | 27460201 PCB connector (board connector) |
| ETIM | EC002637 |
| UNSPSC 24.0 | 39121415 |