

## M8 PCB Adapter 4pol Pcod. female



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 21 02 341 2419                                                                |
| Specification      | M8 PCB Adapter 4pol Pcod. female                                              |
| HARTING eCatalogue | <a href="https://harting.com/21023412419">https://harting.com/21023412419</a> |

### Identification

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

### Version

|                    |                                    |
|--------------------|------------------------------------|
| Termination method | Reflow soldering termination (THR) |
| Gender             | Female                             |
| Shielding          | Shielded                           |
| Number of contacts | 4                                  |
| Coding             | P-coding                           |
| Details            | Order housings separately          |
| Pack contents      | 25 pieces in a carton box          |

### 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 |
| Data rate                    | 10 Mbit/s<br>100 Mbit/s      |
| Insulation resistance        | $>10^8 \Omega$               |



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## Technical characteristics

|                                        |                             |
|----------------------------------------|-----------------------------|
| Contact resistance                     | ≤10 mΩ                      |
| Limiting temperature                   | -40 ... +85 °C              |
| Mating cycles                          | ≥100                        |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 mated condition |

## 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 |
|----------------|-----------------|

## Commercial data

|                                |                                          |
|--------------------------------|------------------------------------------|
| Packaging size                 | 25                                       |
| Net weight                     | 6 g                                      |
| Country of origin              | Romania                                  |
| European customs tariff number | 85366990                                 |
| GTIN                           | 5713140225039                            |
| eCl@ss                         | 27460201 PCB connector (board connector) |
| ETIM                           | EC002637                                 |



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## Commercial data

UNSPSC 24.0

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