## M12 PCB receptacle female d-coded 4pol.



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

| Part number | 21033812418 |
| :--- | :--- |
| Specification | M12 PCB receptacle female d-coded <br> 4pol. |

HARTING eCatalogue https://b2b.harting.com/21033812418

## Identification

| Category | Connectors |
| :--- | :--- |
| Series | Circular connectors M12 |
| Element | PCB adapter |
| Specification | Straight |

## Version

| Termination method | Reflow soldering termination (THR) |
| :--- | :--- |
| Gender | Female |
| Shielding | Shielded |
| Number of contacts | 4 |
| Coding | D-coding |
| Details | Order housings separately |
| Pack contents | 60 pieces in a tray |

Technical characteristics

| Rated current | 4 A |
| :--- | :--- |
| Rated voltage | 50 V |
| Rated impulse voltage | 2.5 kV |
| Pollution degree | 3 |
| Transmission characteristics | Cat. 5 Class D up to 100 MHz |
| Overvoltage category | III |
| Data rate | $10 \mathrm{Mbit} / \mathrm{s}$ |

Page 1 / 3 | Creation date 2022-09-30 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.
HARTING Electronics GmbH | Marienwerderstraße 3|32339 Espelkamp | Germany
Phone +495772 47-97200 | electronics@HARTING.com | www.HARTING.com

## Technical characteristics

| Insulation resistance | $>10^{8} \Omega$ |
| :--- | :--- |
| Contact resistance | $\leq 10 \mathrm{~m} \Omega$ |
| Limiting temperature | $-40 \ldots+85^{\circ} \mathrm{C}$ |
| Mating cycles | $\geq 100$ |
| Isolation group | $\mathrm{I}(600 \leq \mathrm{CTI})$ |

## Material properties

| Material (insert) | Liquid crystal polymer (LCP) |
| :--- | :--- |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Au over Ni Mating side |
| Material flammability class acc. to UL 94 | V-0 |
| 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 | Yes |
| REACH SVHC substances | Lead |
| REACH SVHC substances | Od7d3693-d625-47ab-934a-d241bf72c86e |
| ECHA SCIP number | Yes |
| California Proposition 65 substances | Lead |
| California Proposition 65 substances | Nickel |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| Requirement set with Hazard Levels |  |

Specifications and approvals

| Specifications | IEC 61076-2-101 |
| :--- | :--- |
| UL / CSA | UL 1977 ECBT2.E102079 |
| PROFINET | CSA-C22.2 No. 182.3 ECBT8.E102079 |

Commercial data
Packaging size 1

Page 2 / 3 | Creation date 2022-09-30 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.
HARTING Electronics GmbH | Marienwerderstraße 3|32339 Espelkamp | Germany
Phone +495772 47-97200 | electronics@HARTING.com | www.HARTING.com

## Commercial data

| Net weight | 8 g |
| :--- | :--- |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140138155 |
| eCI@ss | 27460201 PCB connector (board connector) |

