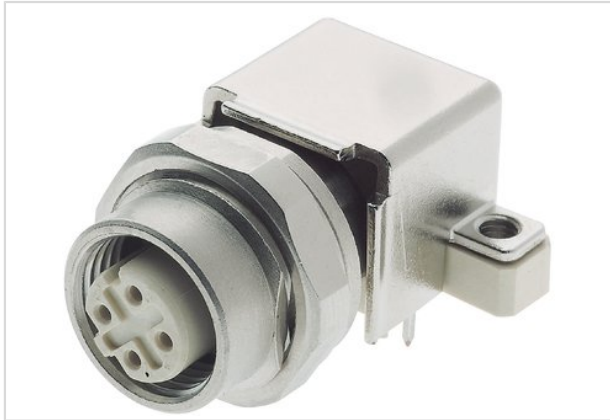


## M12 panel feed through PCB angled D-kod.



|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 21 03 381 4413                                                                        |
| Specification      | M12 panel feed through PCB angled D-kod.                                              |
| HARTING eCatalogue | <a href="https://b2b.harting.com/21033814413">https://b2b.harting.com/21033814413</a> |

### Identification

|                             |                         |
|-----------------------------|-------------------------|
| Category                    | Connector               |
| Series                      | Circular connectors M12 |
| Element                     | PCB adapter             |
| Specification               | Angled                  |
| Description of hood/housing | With fixing hole        |

### Version

|                    |                                        |
|--------------------|----------------------------------------|
| Termination method | Reflow soldering termination (THR/SMC) |
| Gender             | Female                                 |
| Shielding          | Shielded                               |
| Number of contacts | 4                                      |
| Coding             | D-coding                               |

### Technical characteristics

|                                        |                                                   |
|----------------------------------------|---------------------------------------------------|
| Rated current                          | 4 A                                               |
| Rated voltage                          | 50 V                                              |
| Rated impulse voltage                  | 1.5 kV                                            |
| Pollution degree                       | 3                                                 |
| Insulation resistance                  | $\geq 10^8 \Omega$                                |
| Contact resistance                     | $\leq 10 \text{ m}\Omega$                         |
| Ambient temperature                    | -40 ... +85 °C<br>-5 ... +50 °C During connection |
| Mating cycles                          | $\geq 100$                                        |
| Degree of protection acc. to IEC 60529 | IP20                                              |
| Transmission characteristics           | Cat. 5 Class D up to 100 MHz                      |
| Overvoltage category                   | III                                               |
| Isolation group                        | I ( $600 \leq \text{CTI}$ )                       |



Pushing Performance

## Material properties

|                             |                                                      |
|-----------------------------|------------------------------------------------------|
| 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

|          |                                                            |
|----------|------------------------------------------------------------|
| UL / CSA | UL 1977 ECBT2.E235076<br>CSA-C22.2 No. 182.3 ECBT8.E235076 |
|----------|------------------------------------------------------------|

## Commercial data

|                       |          |
|-----------------------|----------|
| Packaging size        | 10       |
| Net weight            | 24.26 g  |
| Country of origin     | Germany  |
| Customs tariff number | 85366990 |