

## M12 panel feedthrough/PCB straight A-cod.



|                    |   |
|--------------------|---|
| Part number        | 21 03 321 1520  |
| Specification      | M12 panel feedthrough/PCB straight A-cod.   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/21033211520">https://b2b.harting.com/21033211520</a> |

### Identification

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

### Version

|                    |  |
|--------------------|--|
| Termination method | Reflow soldering termination (THR/SMC) |
| Gender             | Male                                   |
| Locking type       | Screw locking                          |
| Shielding          | Shielded                               |
| Number of contacts | 5                                      |
| Coding             | A-coding                               |

### Technical characteristics

|  |                           |
|--|---------------------------|
| Rated current                          | 4 A                       |
| Rated voltage                          | 50 V                      |
| Rated impulse voltage                  | 1.5 kV                    |
| Pollution degree                       | 3                         |
| Insulation resistance                  | $> 10^8 \Omega$           |
| Contact resistance                     | $\leq 10 \text{ m}\Omega$ |
| Ambient temperature                    | -40 ... +85 °C            |
| Mating cycles                          | $\geq 100$                |
| Degree of protection acc. to IEC 60529 | IP67                      |
| Overvoltage category                   | III                       |



Pushing Performance

## Technical characteristics

|                 |                      |
|-----------------|----------------------|
| Isolation group | I ( $600 \leq CTI$ ) |
|-----------------|----------------------|

## Material properties

|                             |  |
|-----------------------------|--|
| Material (insert)           | Polyamide  |
| 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 61076-2-101 |
|----------------|-----------------|

## Commercial data

|                                |                        |
|--------------------------------|------------------------|
| Packaging size                 | 10                     |
| Net weight                     | 23.5 g                 |
| Country of origin              | Romania                |
| European customs tariff number | 85366990               |
| eCl@ss                         | 27440402 PCB connector |