

# M12-Screw-4P-ACOD-M-STR



| Part number        | 21 03 319 1401                      |
|--------------------|-------------------------------------|
| Specification      | M12-Screw-4P-ACOD-M-STR             |
| HARTING eCatalogue | https://b2b.harting.com/21033191401 |

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

## Identification

| Category      | Connectors              |
|---------------|-------------------------|
| Series        | Circular connectors M12 |
| Element       | Cable connector         |
| Specification | Straight                |

#### Version

| Termination method | Screw termination |
|--------------------|-------------------|
| Gender             | Male              |
| Shielding          | Unshielded        |
| Number of contacts | 4                 |
| Coding             | A-coding          |
| Locking type       | Screw locking     |

# Technical characteristics

| Conductor cross-section | 1.5 mm² max.       |
|-------------------------|--------------------|
| Conductor cross-section | AWG 16             |
| Rated current           | 7.5 A              |
| Rated voltage           | 250 V              |
| Rated impulse voltage   | 1.5 kV             |
| Pollution degree        | 3                  |
| Overvoltage category    | III                |
| Insulation resistance   | >10 <sup>8</sup> Ω |
| Contact resistance      | ≤10 mΩ             |

Page 1 / 3 | Creation date 2023-06-09 | 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 +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



# Technical characteristics

| Tightening torque                         | 0.6 Nm               |
|---|----------------------|
| Wrench size (knurled screw / knurled nut) | 18                   |
| Limiting temperature                      | -30 +85 °C           |
| Mating cycles                             | ≥100                 |
| Degree of protection acc. to IEC 60529    | IP67 mated condition |
| Cable diameter                            | 4 8 mm               |
| Isolation group                           | I (600 ≤ CTI)        |

# Material properties

| Material (insert)                    | Polyamide (PA)   |
|--------------------------------------|--|
| Material (contacts)                  | Brass  |
| Surface (contacts)                   | Au over Ni Mating side                                 |
| Material (hood/housing)              | Polyamide (PA)<br>Zinc die-cast                        |
| 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<br>Nickel   |

### Specifications and approvals

| Specifications  | IEC 61076-2-101                   |
|-----------------|-----------------------------------|
| UL / CSA        | UL 2238 CYJV.E302521              |
|                 | CSA-C22.2 No. 182.3 CYJV7.E302521 |
|                 |                                   |
| Commercial data |                                   |
| Packaging size  | 1                                 |

Net weight 26.9 g Page 2 / 3 | Creation date 2023-06-09 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to

Page 2 / 3 | Creation date 2023-06-09 | 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 +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com Product data sheet 21 03 319 1401 M12-Screw-4P-ACOD-M-STR



#### Commercial data

| Country of origin              | Czechia  |
|--------------------------------|--|
| European customs tariff number | 85366990   |
| GTIN                           | 5713140225091                                    |
| eCl@ss                         | 27440116 Circular connector (for field assembly) |

Page 3 / 3 | Creation date 2023-06-09 | 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 +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com