

## M12 flange socket with wire, 5pol.B-kod



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 21 03 339 2301                                                                |
| Specification      | M12 flange socket with wire, 5pol.B-kod                                       |
| HARTING eCatalogue | <a href="https://harting.com/21033392301">https://harting.com/21033392301</a> |

### Identification

|               |                                       |
|---------------|---------------------------------------|
| Category      | Connectors                            |
| Series        | Circular connectors M12               |
| Element       | Panel feed through                    |
| Specification | With conductors<br>for front mounting |

### Version

|                    |                  |
|--------------------|------------------|
| Gender             | Female           |
| Shielding          | Unshielded       |
| Number of contacts | 5                |
| Coding             | B-coding         |
| Locking type       | Screw locking    |
| Details            | Without lock nut |

### Technical characteristics

|                               |                      |
|-------------------------------|----------------------|
| Conductor cross-section       | 0.25 mm <sup>2</sup> |
| Conductor cross-section [AWG] | AWG 22               |
| Rated current                 | 4 A                  |
| Rated voltage                 | 60 V                 |
| Rated impulse voltage         | 1.5 kV               |
| Pollution degree              | 3                    |
| Overvoltage category          | III                  |
| Insulation resistance         | >10 <sup>8</sup> Ω   |



**Pushing Performance**  
Since 1945

## Technical characteristics

|                                        |                      |
|----------------------------------------|----------------------|
| Contact resistance                     | ≤10 mΩ               |
| Tightening torque                      | 2 Nm Lock nut        |
| Limiting temperature                   | -40 ... +85 °C       |
| Mating cycles                          | ≥100                 |
| Degree of protection acc. to IEC 60529 | IP67 mated condition |
| Isolation group                        | I (600 ≤ CTI)        |
| Thickness of the panel                 | 2 ... 5 mm           |
| Conductor length                       | 20 cm                |

## Material properties

|                                      |                                                        |
|--------------------------------------|--------------------------------------------------------|
| Material (insert)                    | Polyamide (PA)                                         |
| Material (contacts)                  | Brass                                                  |
| Surface (contacts)                   | Au over Ni Mating side                                 |
| Material (hood/housing)              | 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                                                   |

## Specifications and approvals

|                |                                                            |
|----------------|------------------------------------------------------------|
| Specifications | IEC 61076-2-101                                            |
| UL / CSA       | UL 1977 ECBT2.E102079<br>CSA-C22.2 No. 182.3 ECBT8.E102079 |

## Commercial data

|                |         |
|----------------|---------|
| Packaging size | 1       |
| Net weight     | 19.37 g |



**Pushing Performance**  
Since 1945

Commercial data

|                                |                                                                         |
|--------------------------------|-------------------------------------------------------------------------|
| Country of origin              | Germany                                                                 |
| European customs tariff number | 85366990                                                                |
| GTIN                           | 5713140137905                                                           |
| eCl@ss                         | 27440103 Sensor-actuator connector chassis (sensor technology actuator) |
| UNSPSC 24.0                    | 39121413                                                                |