

## M8-Screw-4P-F-STR-SHLD



|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 21 02 369 2401                                                                        |
| Specification      | M8-Screw-4P-F-STR-SHLD                                                                |
| HARTING eCatalogue | <a href="https://b2b.harting.com/21023692401">https://b2b.harting.com/21023692401</a> |

### Identification

|               |                        |
|---------------|------------------------|
| Category      | Connector              |
| Series        | Circular connectors M8 |
| Element       | Cable connector        |
| Specification | Straight               |

### Version

|                    |                   |
|--------------------|-------------------|
| Termination method | Screw termination |
| Gender             | Female            |
| Locking type       | Screw locking     |
| Shielding          | Shielded          |
| Number of contacts | 4                 |

### Technical characteristics

|                                        |                                                   |
|----------------------------------------|---------------------------------------------------|
| Conductor cross-section                | 0.09 ... 0.5 mm <sup>2</sup>                      |
| Conductor cross-section                | AWG 28 ... AWG 20                                 |
| Rated current                          | 4 A                                               |
| Rated voltage                          | 30 V                                              |
| Rated impulse voltage                  | 1.5 kV                                            |
| Pollution degree                       | 3                                                 |
| Insulation resistance                  | ≥10 <sup>8</sup> Ω                                |
| Contact resistance                     | ≤10 mΩ                                            |
| Ambient temperature                    | -30 ... +85 °C<br>-5 ... +50 °C During connection |
| Tightening torque                      | 0.4 Nm                                            |
| Wrench size                            | A/F 13 Knurled screw / knurled nut                |
| Mating cycles                          | ≥100                                              |
| Degree of protection acc. to IEC 60529 | IP67 in locked position                           |
| Cable diameter                         | 4 ... 5.5 mm                                      |
| Overvoltage category                   | III                                               |



Pushing Performance

## Technical characteristics

Isolation group I ( $600 \leq CTI$ )

## Material properties

|                             |                                                      |
|-----------------------------|------------------------------------------------------|
| Material (insert)           | Polyamide                                            |
| Material (contacts)         | Brass                                                |
| Surface (contacts)          | Gold plated                                          |
| Material (hood/housing)     | Copper-zinc alloy                                    |
| 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                                                 |

## Commercial data

|                                |          |
|--------------------------------|----------|
| Packaging size                 | 1        |
| Net weight                     | 27.4 g   |
| Country of origin              | Germany  |
| European customs tariff number | 85366990 |