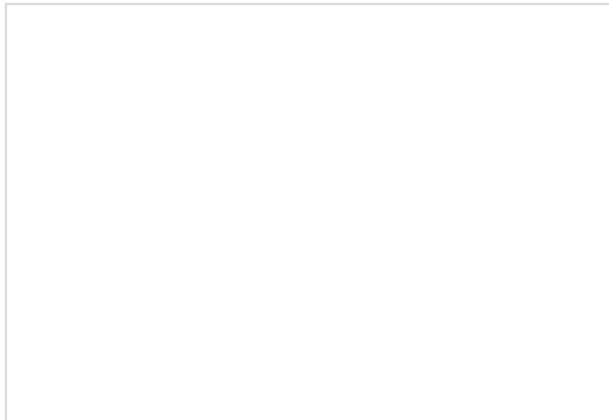




Pushing Performance

## M12 POWER PFT FEMALE L-CODED REAR 1,5mm



|                    |   |
|--------------------|---|
| Part number        | 21 03 596 2515  |
| Specification      | M12 POWER PFT FEMALE L-CODED REAR 1,5mm   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/21035962515">https://b2b.harting.com/21035962515</a> |

### Identification

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

### Version

|                    |               |
|--------------------|---------------|
| Gender             | Female        |
| Locking type       | Screw locking |
| Shielding          | Unshielded    |
| Number of contacts | 4             |
| FE contact         | Yes           |
| Coding             | L-coding      |

### Technical characteristics

|                         |                     |
|-------------------------|---------------------|
| Conductor cross-section | 1.5 mm <sup>2</sup> |
| Conductor cross-section | AWG 16              |
| Rated current           | 16 A                |
| Rated voltage           | 63 V                |
| Rated impulse voltage   | 1.5 kV              |
| Pollution degree        | 3                   |
| Insulation resistance   | >10 <sup>8</sup> Ω  |
| Contact resistance      | ≤10 mΩ              |



Pushing Performance

## Technical characteristics

|  |                        |
|--|------------------------|
| Ambient temperature                    | -40 ... +85 °C         |
| Tightening torque                      | 2 Nm Lock nut          |
| Wrench size                            | 20                     |
| Mating cycles                          | ≥100                   |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 when mated |
| Overvoltage category                   | III                    |
| Isolation group                        | I (600 ≤ CTI)          |
| Conductor length                       | 30 cm                  |

## Material properties

|                             |  |
|-----------------------------|--|
| Material (insert)           | Polyamide (PA)   |
| Colour (insert)             | Grey   |
| Material (contacts)         | Copper alloy   |
| Surface (contacts)          | Gold plated  |
| 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 | No   |
| REACH ANNEX XIV substances  | No   |
| REACH SVHC substances       | Yes  |
| REACH SVHC substances       | Lead   |

## Specifications and approvals

|                |  |
|----------------|--|
| Specifications | IEC 61076-2-111  |
| UL / CSA       | UL 2238 CYJV2.E302521<br>CSA-C22.2 No. 182.3 CYJV8.E302521 |

## Commercial data

|                                |          |
|--------------------------------|----------|
| Packaging size                 | 1        |
| Net weight                     | 49.75 g  |
| Country of origin              | Romania  |
| European customs tariff number | 85366990 |



Pushing Performance

## Commercial data

eCl@ss

27440103 Sensor-actuator connector chassis (sensor technology acc.)