

# PFT male L-coded 1.5mm<sup>2</sup>



| Part number        | 21 03 596 1505                      |
|--------------------|-------------------------------------|
| Specification      | PFT male L-coded 1.5mm <sup>2</sup> |
| HARTING eCatalogue | https://b2b.harting.com/21035961505 |

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

#### Identification

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

#### Version

| Gender                            | Male          |
|-----------------------------------|---------------|
| Shielding                         | Shielded      |
| Number of contacts                | 5             |
| Number of power contacts          | 4             |
| Number of special contacts        | 1             |
| Specification of special contacts | FE contact    |
| Coding                            | L-coding      |
| Locking type                      | Screw locking |

# **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              |

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## Technical characteristics

| Pollution degree                       | 3                           |
|--|-----------------------------|
| Overvoltage category                   | III                         |
| Insulation resistance                  | >10 <sup>8</sup> Ω          |
| Contact resistance                     | ≤10 mΩ                      |
| Tightening torque                      | 2 Nm Lock nut               |
| Wrench size                            | 17<br>18                    |
| Limiting temperature                   | -40 +85 °C                  |
| Mating cycles                          | ≥100                        |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 mated condition |
| Isolation group                        | I (600 ≤ CTI)               |
| Conductor length                       | 30 cm                       |

# Material properties

| Material (insert)                    | Polyamide (PA)   |
|--------------------------------------|--|
| Colour (insert)                      | Grey   |
| Material (contacts)                  | Copper alloy   |
| 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   |
| Fire protection on railway vehicles  | EN 45545-2 (2020-08)                                   |
| Requirement set with Hazard Levels   | R26  |

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## Specifications and approvals

| Specifications                 | IEC 61076-2-111  |
|--------------------------------|--|
| UL / CSA                       | UL 2238 CYJV2.E302521<br>CSA-C22.2 No. 182.3 CYJV8.E302521               |
| PROFINET                       | Yes  |
| Commercial data                |  |
| Packaging size                 | 1  |
| Net weight                     | 46 g   |
| Country of origin              | Romania  |
| European customs tariff number | 85366990   |
| GTIN                           | 5713140227668  |
| eCl@ss                         | 27440103 Sensor-actuator connector chassis (sensor technology acturator) |

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