



Pushing Performance  
Since 1945

## PFT male L-coded 2.5mm<sup>2</sup>

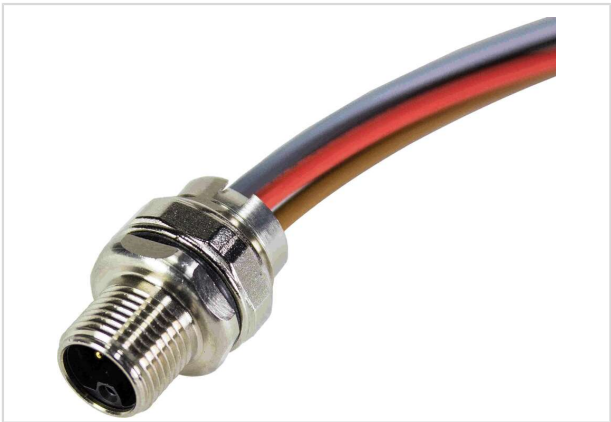


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 21 03 599 1505                                                                |
| Specification      | PFT male L-coded 2.5mm <sup>2</sup>                                           |
| HARTING eCatalogue | <a href="https://harting.com/21035991505">https://harting.com/21035991505</a> |

### 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       | 2.5 mm <sup>2</sup> |
| Conductor cross-section [AWG] | AWG 14              |
| 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<br>Nickel<br>Naphthalene                          |
| 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             |
|                | CSA-C22.2 No. 182.3 CYJV8.E302521 |
| PROFINET       | Yes                               |

Commercial data

|                                |                                                                         |
|--------------------------------|-------------------------------------------------------------------------|
| Packaging size                 | 1                                                                       |
| Net weight                     | 55 g                                                                    |
| Country of origin              | Romania                                                                 |
| European customs tariff number | 85366990                                                                |
| GTIN                           | 5713140227682                                                           |
| eCl@ss                         | 27440103 Sensor-actuator connector chassis (sensor technology actuator) |
| UNSPSC 24.0                    | 39121413                                                                |