

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



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

Part number	21 03 596 2505
Specification	PFT female L-coded 1.5mm <sup>2</sup>
HARTING eCatalogue	<a href="https://harting.com/21035962505">https://harting.com/21035962505</a>

### Identification

Category	Connectors
Series	Circular connectors M12
Identification	Power
Element	Panel feed through
Specification	With conductors for front mounting

### Version

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

### Technical characteristics

Conductor cross-section	1.5 mm <sup>2</sup>
Conductor cross-section [AWG]	AWG 16
Rated current	16 A
Rated voltage	63 V
Rated impulse voltage	1.5 kV
Pollution degree	3



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## Technical characteristics

Overvoltage category	III
Insulation resistance	>10 <sup>8</sup> Ω
Contact resistance	≤10 mΩ
Tightening torque	2 Nm Lock nut
Wrench size	17 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	ba9f6f96-3ce5-4eaf-9782-1859ca585f85
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
Requirement set with Hazard Levels	R26

## Specifications and approvals

Specifications	IEC 61076-2-111
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## Specifications and approvals

UL / CSA	UL 2238 CYJV2.E302521 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	5713140227705
eCl@ss	27440103 Sensor-actuator connector chassis (sensor technology actuator)
UNSPSC 24.0	39121413