

PFT female front L-coded 1.5mm² w/o FE



| Part number | 21 03 596 2506 |
|--------------------|---|
| Specification | PFT female front L-coded 1.5mm ² w/o FE |
| HARTING eCatalogue | https://b2b.harting.com/21035962506 |

Identification

| Category | Connector |
|--------------------|-------------------------|
| Series | Circular connectors M12 |
| Identification | M12 Power |
| Element | Panel feed through |
| Specification | With conductors |
| | for front mounting |
| | |
| Version | |
| Gender | Female |
| Locking type | Screw locking |
| Shielding | Unshielded |
| Number of contacts | 4 |
| Coding | L-coding |

Technical characteristics

| Conductor cross-section | 1.5 mm ² |
|-------------------------|---------------------|
| 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 ⁸ Ω |
| Contact resistance | ≤10 mΩ |
| Ambient temperature | -40 +85 °C |

Page 1 / 3 | Creation date 2019-10-04 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



Technical characteristics

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

Material properties

| Material (insert) | Polyamide |
|-----------------------------|--|
| Colour (insert) | Black |
| 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 I | IEC 61076-2-111 |
|------------------|--|
| UL / CSA | UL 2238 CYJV2.E302521 CSA-C22.2 No. 182.3 CYJV8.E302521 |

Commercial data

| Packaging size | 1 |
|--------------------------------|----------|
| Net weight | 44 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |

Page 2 / 3 | Creation date 2019-10-04 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



Commercial data

eCl@ss

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

Page 3 / 3 | Creation date 2019-10-04 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com