



Pushing Performance
Since 1945

M12 POWER PFT FEMALE L-CODED REAR 2,5mm²



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

| | |
|--------------------|---|
| Part number | 21 03 599 2515 |
| Specification | M12 POWER PFT FEMALE L-CODED REAR 2,5mm ² |
| HARTING eCatalogue | https://b2b.harting.com/21035992515 |

Identification

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

Version

| | |
|-----------------------------------|---------------|
| Gender | Female |
| Shielding | Unshielded |
| 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 ² |
| Conductor cross-section | 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 | $>10^8 \Omega$ |
| Contact resistance | $\leq 10 \text{ m}\Omega$ |
| 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 ($600 \leq \text{CTI}$) |
| 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 |

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 |

Commercial data

| | |
|--------------------------------|---|
| Packaging size | 1 |
| Net weight | 48.9 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140227736 |
| eCl@ss | 27440103 Sensor-actuator connector chassis (sensor technology acc.) |