

M12 Power IDC male L-coded w/o FE



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|--------------------|---|
| Part number | 21 03 296 1506 |
| Specification | M12 Power IDC male L-coded w/o FE |
| HARTING eCatalogue | https://b2b.harting.com/21032961506 |

Identification

| | |
|----------------|-------------------------|
| Category | Connector |
| Series | Circular connectors M12 |
| Identification | M12 Power |
| Element | Cable connector |
| Specification | Straight |

Version

| | |
|--------------------|--|
| Termination method | HARAX [®] connection technology |
| Gender | Male |
| Locking type | Screw locking |
| Shielding | Shielded |
| Number of contacts | 4 |
| Coding | L-coding |

Technical characteristics

| | |
|-------------------------|------------------------------|
| Conductor cross-section | 0.75 ... 1.5 mm ² |
| Conductor cross-section | AWG 18 ... AWG 16 |
| Rated current | 12 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 |



Pushing Performance

Technical characteristics

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|--|------------------------------------|
| Tightening torque | 0.6 Nm |
| Wrench size | A/F 17 Knurled screw / knurled nut |
| Mating cycles | ≥100 |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 when mated |
| Cable diameter | 5.8 ... 13.5 mm |
| Overvoltage category | III |
| Isolation group | I (600 ≤ CTI) |

Material properties

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|-------------------------|---------------|
| Material (insert) | PA |
| Colour (insert) | Black |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Gold plated |
| Material (hood/housing) | Zinc die-cast |

Specifications and approvals

| | |
|----------------|-----------------|
| Specifications | IEC 61076-2-111 |
|----------------|-----------------|

Commercial data

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|--------------------------------|--|
| Packaging size | 10 |
| Net weight | 84.7 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| eCl@ss | 27440102 Circular connector (for field assembly) |