

M12 Power IDC male L-coded w/o FE



| 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 mm² |
|-------------------------|---------------------|
| 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 |

Page 1 / 2 | Creation date 2019-04-17 | 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

| Wrench sizeA/F 17 Knurled screw / knurled nutMating cycles>100Degree of protection acc. to IEC 60529IP65 / IP67 when matedCable diameter5.8 13.5 mmOvervoltage categoryIIIIsolaron groupII (600 ≤ CTI)Material propertiesNaterial propertiesMaterial (insert)PAColour (insert)BlackMaterial (contacts)Colof platedMaterial (hood/housing)Colod platedSpecifications and approvalsSpecificationsSpecifications1EC 61076-2-111Packaging size10Net weight84.7 gCountry of originRomaniaEuropean customs tariff numberS566990eCl@ss27440102 Circular connector (for field assembly) | Tightening torque | 0.6 Nm |
|---|--|--|
| Degree of protection acc. to IEC 60529IP65 / IP67 when matedCable diameter5.8 13.5 mmOvervoltage categoryIIIIsolation groupI (600 ≤ CTI)Material propertiesPAColour (insert)PAColour (insert)BlackMaterial (contacts)Copper alloySurface (contacts)Gold platedSpecifications and approvalsIEC 61076-2-111Commercial data10Packaging size10Net weight84.7 gCountry of originRomaniaEuropean customs tariff number8566990 | Wrench size | A/F 17 Knurled screw / knurled nut |
| Cable diameter5.8 13.5 mmOvervoltage categoryIIIIsolation groupI (600 ≤ CTI)Material propertiesMaterial (insert)PAColour (insert)BlackMaterial (contacts)Coper alloySurface (contacts)Gold platedMaterial (hood/housing)Zinc die-castSpecifications and approvalsEC 61076-2-111Commercial data10Packaging size10Net weight84.7 gCountry of originRomaniaEuropean customs tariff number8366990 | Mating cycles | ≥100 |
| Overvoltage categoryIIIIsolation groupI (600 ≤ CTI)Material propertiesMaterial (insert)PAColour (insert)BlackMaterial (contacts)Coper alloySurface (contacts)Gold platedMaterial (hood/housing)Zinc die-castSpecifications and approvalsIEC 61076-2-111Commercial data10Packaging size10Net weight84.7 gCountry of originRomaniaEuropean customs tariff number8566990 | Degree of protection acc. to IEC 60529 | IP65 / IP67 when mated |
| Isolation group I (600 ≤ CTI) Material properties PA Material (insert) PA Colour (insert) Black Material (contacts) Copper alloy Surface (contacts) Gold plated Material (hood/housing) Zinc die-cast Specifications and approvals EC 61076-2-111 Commercial data 10 Packaging size 10 Net weight 84.7 g Country of origin Romania European customs tariff number 8506990 | Cable diameter | 5.8 13.5 mm |
| Material properties Material (insert) PA Colour (insert) Black Material (contacts) Copper alloy Surface (contacts) Gold plated Material (hood/housing) Zinc die-cast Specifications and approvals Specifications Specifications IEC 61076-2-111 Packaging size 10 Net weight 84.7 g Country of origin Romania European customs tariff number 85366990 | Overvoltage category | III |
| Material (insert)PAColour (insert)BlackMaterial (contacts)Copper alloySurface (contacts)Gold platedMaterial (hood/housing)Zinc die-castSpecifications and approvalsEC 61076-2-111SpecificationsIEC 61076-2-111Commercial data10Net weight84.7 gCountry of originRomaniaEuropean customs tariff number85366990 | Isolation group | I (600 ≤ CTI) |
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| Material (hood/housing)Zinc die-castSpecifications and approvalsSpecificationsSpecificationsIEC 61076-2-111Commercial dataPackaging sizeNet weightNet weightCountry of originEuropean customs tariff numberSig66990 | Material (contacts) | Copper alloy |
| Specifications and approvals Specifications IEC 61076-2-111 Commercial data Packaging size 10 Net weight 84.7 g Country of origin Romania European customs tariff number | Surface (contacts) | Gold plated |
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| Country of originRomaniaEuropean customs tariff number85366990 | Packaging size | 10 |
| European customs tariff number 85366990 | Net weight | 84.7 g |
| | Country of origin | Romania |
| eCl@ss 27440102 Circular connector (for field assembly) | European customs tariff number | 85366990 |
| | eCl@ss | 27440102 Circular connector (for field assembly) |