

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 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

Tightening torque	0.6 Nm
Wrench size (knurled screw / knurled nut)	17
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

Material (insert)	PA
Colour (insert)	Black
Material (contacts)	Copper alloy
Surface (contacts)	Gold plated
Material (hood/housing)	Zinc die-cast
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

Specifications and approvals

Specifications	IEC 61076-2-111
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Commercial data

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)