

# M12 Power IDC female L-coded w/o FE



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

Part number	21 03 296 2506
Specification	M12 Power IDC female L-coded w/o FE
HARTING eCatalogue	<a href="https://b2b.harting.com/21032962506">https://b2b.harting.com/21032962506</a>

## Identification

Category	Connectors
Series	Circular connectors M12
Identification	Power
Element	Cable connector
Specification	Straight

## Version

Termination method	HARAX <sup>®</sup> connection technology
Gender	Female
Shielding	Shielded
Number of contacts	4
Coding	L-coding
Locking type	Screw locking

## Technical characteristics

Conductor cross-section	0.75 ... 1.5 mm <sup>2</sup>
Conductor cross-section	AWG 18 ... AWG 16
Rated current	12 A
Rated voltage	63 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Overvoltage category	III
Insulation resistance	>10 <sup>8</sup> Ω



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## Technical characteristics

Contact resistance	≤10 mΩ
Tightening torque	0.6 Nm
Wrench size (knurled screw / knurled nut)	17
Limiting temperature	-40 ... +85 °C
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition
Cable diameter	5.8 ... 13.5 mm
Isolation group	I (600 ≤ CTI)

## Material properties

Material (insert)	Polyamide (PA)
Colour (insert)	Black
Material (contacts)	Copper alloy
Surface (contacts)	Au over Ni Mating side
Material (hood/housing)	Zinc die-cast
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained

## Specifications and approvals

Specifications	IEC 61076-2-111
UL / CSA	UL 2238 CYJV2.E302521 CSA-C22.2 No. 182.3 CYJV8.E302521
PROFINET	Yes

## Commercial data

Packaging size	1
Net weight	80 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140227231



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Commercial data

ETIM	EC002635
eCl@ss	27440116 Circular connector (for field assembly)