

## Circular Connector w. Harax M12 L 3 F



Part number	21 03 241 2301
Specification	Circular Connector w. Harax M12 L 3 F
HARTING eCatalogue	<a href="https://b2b.harting.com/21032412301">https://b2b.harting.com/21032412301</a>

### Identification

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

### Version

Termination method	HARAX <sup>®</sup> connection technology
Gender	Female
Locking type	Screw locking
Shielding	Shielded
Number of contacts	2
Coding	B-coding

### Technical characteristics

Conductor cross-section	0.25 ... 0.34 mm <sup>2</sup>
Conductor cross-section	AWG 24 ... AWG 22
Wire outer diameter	≤2.6 mm
Rated current	4 A
Rated voltage	32 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Insulation resistance	>10 <sup>8</sup> Ω
Contact resistance	≤10 mΩ



Pushing Performance

## Technical characteristics

Ambient temperature	-40 ... +85 °C
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	4.5 ... 8.8 mm
Overvoltage category	III
Isolation group	I (600 ≤ CTI)

## Material properties

Material (insert)	Polyamide (PA)
Material (contacts)	Brass
Surface (contacts)	Gold plated
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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead

## Specifications and approvals

Specifications	IEC 61076-2-101
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079

## Commercial data

Packaging size	1
Net weight	63.5 g
Country of origin	Germany
European customs tariff number	85366990



Pushing Performance

## Commercial data

eCl@ss

27440102 Circular connector (for field assembly)