

## M12-L shielded female 3-pole B-coded



Part number	21 03 241 2300
Specification	M12-L shielded female 3-pole B-coded
HARTING eCatalogue	<a href="https://b2b.harting.com/21032412300">https://b2b.harting.com/21032412300</a>

### Identification

Category	Connector
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	3
Coding	B-coding

### Technical characteristics

Conductor cross-section	0.14 ... 0.34 mm <sup>2</sup>
Conductor cross-section	AWG 26 ... 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
Ambient temperature	-40 ... +85 °C -5 ... +50 °C During connection
Tightening torque	0.6 Nm
Wrench size	A/F 17 Knurled screw / knurled nut
Mating cycles	≥100



## Technical characteristics

Degree of protection acc. to IEC 60529	IP65 when mated IP67 when mated
Cable diameter	6 ... 8 mm
Overtoltage category	III
Isolation group	I ( $600 \leq CTI$ )

## Material properties

Material (insert)	Polyamide
Material (contacts)	Brass
Surface (contacts)	Gold plated
Material (hood/housing)	Zinc die-cast
RoHS	compliant with exemption
RoHS exemptions	6c: 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

UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
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## Commercial data

Packaging size	1
Net weight	55.2 g
Country of origin	Germany
Customs tariff number	85366990