

Circular Connector w. Harax M12 L2/ PE F



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

Part number	21 03 212 2400
Specification	Circular Connector w. Harax M12 L2/ PE F
HARTING eCatalogue	https://b2b.harting.com/21032122400

Identification

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

Version

Termination method	HARAX® connection technology
Gender	Female
Locking type	Screw locking
Shielding	Unshielded
Number of contacts	3
Contact configuration	3, 4, 5
Coding	A-coding

Technical characteristics

Conductor cross-section	0.34 ... 0.75 mm ²
Conductor cross-section	AWG 22 ... AWG 18
Wire outer diameter	≤2.6 mm
Rated current	6 A
Rated voltage	50 V
Rated impulse voltage	1.5 kV



Pushing Performance

Technical characteristics

Pollution degree	3
Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Tightening torque	0.6 Nm
Wrench size (knurled screw / knurled nut)	17
Ambient temperature	-40 ... +85 °C
Mating cycles	≥ 100
Degree of protection acc. to IEC 60529	IP65 / IP67 when mated
Cable diameter	6 ... 8 mm
Overvoltage category	III
Isolation group	I ($600 \leq \text{CTI}$)

Material properties

Material (insert)	Polyamide (PA)
Material (contacts)	Brass
Surface (contacts)	Gold plated
Material (hood/housing)	Polyamide (PA) 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
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Pushing Performance

Commercial data

Net weight	39 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440102 Circular connector (for field assembly)