

Circular Connector w. Harax M12 L2/PE M



Part number	21 03 212 1400
Specification	Circular Connector w. Harax M12 L2/PE M
HARTING eCatalogue	https://b2b.harting.com/21032121400

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

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	Male
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 mm²
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

Page 1 / 3 | Creation date 2019-11-29 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



Technical characteristics

Pollution degree	3
Insulation resistance	>10 ⁸ Ω
Contact resistance	≤10 mΩ
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	6 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)	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

Packaging size

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

Page 2 / 3 | Creation date 2019-11-29 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany

1

Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



Commercial data

Net weight35.8 gCountry of originGermanyEuropean customs tariff number85366990eCl@ss27440102 Circular connector (for field assembly)

Page 3 / 3 | Creation date 2019-11-29 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com