

Circular Connector Harax M12 L4 M D-code



Part number	21 03 281 1405
Specification	Circular Connector Harax M12 L4 M D-code
HARTING eCatalogue	https://b2b.harting.com/21032811405

Identification

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

Version

Termination method	HARAX [®] connection technology
Gender	Male
Locking type	Screw locking
Shielding	Shielded
Number of contacts	4
Coding	D-coding

Technical characteristics

Conductor cross-section	0.14 ... 0.34 mm ²
Conductor cross-section	AWG 26 ... AWG 22
Wire outer diameter	≤2 mm
Rated current	4 A
Rated voltage	50 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Insulation resistance	≥10 ⁸ 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



Pushing Performance

Technical characteristics

Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 when mated IP67 when mated
Cable diameter	4.5 ... 8.8 mm
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Overvoltage 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	52.2 g
Country of origin	Germany
European customs tariff number	85366990