

Circular Connector with Harax M 1 2/ 4-p



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

Part number	21 03 111 1405
Specification	Circular Connector with Harax M 1 2/ 4-p
HARTING eCatalogue	https://b2b.harting.com/21031111405

Identification

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

Version

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

Technical characteristics

Conductor cross-section	0.14 ... 0.34 mm ²
Conductor cross-section	AWG 26 ... AWG 22
Wire outer diameter	≤1.6 mm
Rated current	4 A
Rated voltage	32 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Insulation resistance	>10 ⁸ Ω



Pushing Performance

Technical characteristics

Contact resistance	≤10 mΩ
Tightening torque	0.6 Nm
Wrench size (knurled screw / knurled nut)	13
Ambient temperature	-40 ... +85 °C
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 / IP67 when mated
Cable diameter	2.9 ... 5.1 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
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

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