

Circular Connector with Harax M 1 2/ 4-p

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		Part number	21 03 112 2405
		Specification	Circular Connector with Harax M 1 2/ 4-p
		HARTING eCatalogue	https://b2b.harting.com/21031122405
Identification			
Category	Connector		
Series	Circular conr	nectors M12	
Element	Cable conne	ctor	
Specification	Straight		
Version			
Termination method	HARAX [®] cor	HARAX [®] connection technology	
Gender	Female		
Locking type	Screw locking	g	
Shielding	Unshielded		
Number of contacts	4		
Coding	A-coding		
Technical characteristics			
Conductor cross-section		0.25 0.5 mm²	
Conductor cross-section	AWG 24 A	WG 20	
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		
Contact resistance	≤10 mΩ		
Ambient temperature	-40 +85 °C	;	

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Technical characteristics

Tightening torque	0.6 Nm
Wrench size	A/F 13 Knurled screw / knurled nut
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 when mated IP67 when mated
Cable diameter	4 5.1 mm
Overvoltage category	III
Isolation group	I (600 ≤ CTI)
Material properties	
Material (insert)	Polyamide
Material (contacts)	Brass
Surface (contacts)	Gold plated
Material (hood/housing)	Polyamide 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	24 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440102 Circular connector (for field assembly)

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