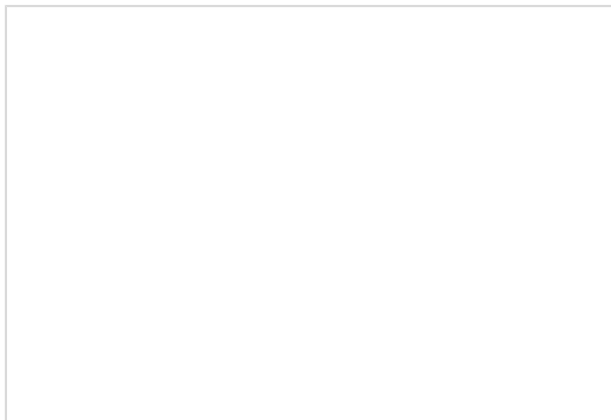




## Circular Connector with Harax M 1 2/ 4-p



Part number	21 03 112 2405
Specification	Circular Connector with Harax M 1 2/ 4-p
HARTING eCatalogue	<a href="https://b2b.harting.com/21031122405">https://b2b.harting.com/21031122405</a>

### Identification

Category	Connectors
Series	Circular connectors M12
Element	Cable connector
Specification	Straight

### Version

Termination method	HARAX <sup>®</sup> connection technology
Gender	Female
Shielding	Unshielded
Number of contacts	4
Coding	A-coding
Locking type	Screw locking

### Technical characteristics

Conductor cross-section	0.25 ... 0.5 mm <sup>2</sup>
Conductor cross-section	AWG 24 ... AWG 20
Wire outer diameter	≤1.6 mm
Rated current	4 A
Rated voltage	32 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Overvoltage category	III
Insulation resistance	>10 <sup>8</sup> Ω
Contact resistance	≤10 mΩ



## Technical characteristics

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 mated condition
Cable diameter	4 ... 5.1 mm
Isolation group	I (600 ≤ CTI)

## Material properties

Material (insert)	Polyamide (PA)
Material (contacts)	Brass
Surface (contacts)	Au over Ni Mating side
Material (hood/housing)	Polyamide (PA) Zinc die-cast
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel 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
Net weight	24 g
Country of origin	Germany
European customs tariff number	85366990



Pushing Performance

## Commercial data

eCl@ss

27440102 Circular connector (for field assembly)

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Circular Metric Connectors](#) category:*

*Click to view products by [HARTING](#) manufacturer:*

Other Similar products are found below :

[600X518037X](#) [6STD15PCR99B70A](#) [8R4000A16M020](#) [8R5000A16M005](#) [1200910002](#) [1203580030](#) [1200910008](#) [1200910011](#) [1300140094](#)  
[130203-0054](#) [1300140026](#) [1300150099](#) [1-3637-600-5205](#) [1612618](#) [21036836414](#) [8R4006A16M010](#) [1R3006A20M005](#) [41-40011](#) [42-00006](#)  
[42-01015](#) [4-22279-4](#) [4-22281-1](#) [4-22284-9](#) [43-00113](#) [43-01203](#) [41-40013](#) [42-00008](#) [43-00343](#) [43-01026](#) [43-01162](#) [43-01173](#) [43-10000](#)  
[XS3P-M421-2](#) [600X518050X](#) [8R5006A16M020](#) [8R5006A16M005](#) [8R4000A16M010](#) [6-22279-3](#) [1605332](#) [N03FA03144](#) [1300140077](#) [43-](#)  
[16213](#) [43-01338](#) [XS2RD4265](#) [XS2R-D426-1](#) [XS8A-0441](#) [859RD04-103R004](#) [860RD04-113R004](#) [860RD04-213R004](#) [1-213245-2](#)