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# 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
	Part number

#### 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 mm²
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

Page 1 / 3 | Creation date 2024-03-13 | 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

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#### Technical characteristics

Tightening torque	0.6 Nm
Wrench size (knurled screw / knurled nut)	13
Limiting 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	е
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	Lead Nickel

# 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	21 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140137233

Product data sheet 21 03 112 2405 Circular Connector with Harax M 1 2/ 4-p

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# Commercial data

ETIM EC002635

eCl@ss 27440116 Circular connector (for field assembly)

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