

## M12-M 8-polig / A-cod



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

Part number	21 03 121 1801
Specification	M12-M 8-polig / A-cod
HARTING eCatalogue	<a href="https://b2b.harting.com/21031211801">https://b2b.harting.com/21031211801</a>

### Identification

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

### Version

Termination method	IDC termination
Gender	Male
Shielding	Shielded
Number of contacts	8
Coding	A-coding
Locking type	Screw locking

### Technical characteristics

Conductor cross-section	0.14 ... 0.34 mm <sup>2</sup>
Conductor cross-section	AWG 26 ... AWG 22
Wire outer diameter	≤1.6 mm
Rated current	2 A
Rated voltage	30 V
Rated impulse voltage	0.8 kV
Pollution degree	3
Overvoltage category	II



Pushing Performance

## Technical characteristics

Insulation resistance	>10 <sup>8</sup> Ω
Contact resistance	≤10 mΩ
Tightening torque	0.4 Nm
Ambient temperature	-40 ... +85 °C
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition
Cable diameter	4 ... 8 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)	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
----------------	-----------------

## Commercial data

Packaging size	1
Net weight	43.8 g
Country of origin	Germany
European customs tariff number	85366990
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](#)