

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	https://harting.com/21031211801

Identification

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

Version

Termination method	IDC insulation displacement 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 ²
Conductor cross-section [AWG]	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
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Technical characteristics

Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Tightening torque	0.4 Nm
Limiting 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 ($600 \leq \text{CTI}$)

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	Lead Nickel

Specifications and approvals

Specifications	IEC 61076-2-101
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Commercial data

Packaging size	1
Net weight	38 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140137240
eCl@ss	27440116 Circular connector (for field assembly)



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Commercial data

ETIM	EC002635
UNSPSC 24.0	39121413