

M12-M 8-polig / A-cod



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

Identification

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

Version

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

Technical characteristics

Conductor cross-section	0.12 ... 0.32 mm ²
Conductor cross-section	AWG 26 ... AWG 22
Wire outer diameter	≤1.6 mm
Rated current	2 A
Rated voltage	30 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Insulation resistance	>10 ⁸ Ω
Contact resistance	≤10 mΩ



Technical characteristics

Ambient temperature	-40 ... +85 °C
Tightening torque	0.4 Nm
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 / IP67 when mated
Cable diameter	4 ... 8 mm
Overvoltage category	II
Isolation group	I (600 ≤ CTI)

Material properties

Material (insert)	Polyamide
Material (contacts)	Brass
Surface (contacts)	Gold plated
Material (hood/housing)	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
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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)