

PLUG M12-F 8 POLOS / A-COD



Part number	21 03 121 2801
Specification	PLUG M12-F 8 POLOS / A-COD
HARTING eCatalogue	https://b2b.harting.com/21031212801

Identification

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

Version

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

Technical characteristics

Conductor cross-section	0.14 ... 0.34 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



Pushing Performance

Technical characteristics

Ambient temperature	-40 ... +85 °C
Tightening torque	0.4 Nm
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 when mated 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 with exemption
RoHS exemptions	6c: Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead

Specifications and approvals

Specifications	IEC 61076-2-101
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Commercial data

Packaging size	1
Net weight	51 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440102 Circular connector (for field assembly)