

M12-SCREW-8P-ACOD-M-STR



Part number	21 03 319 1801
Specification	M12-SCREW-8P-ACOD-M-STR
HARTING eCatalogue	https://b2b.harting.com/21033191801

Identification

Category	Connector
Series	Circular connectors M12
Element	Cable connector
Specification	Straight

Version

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

Technical characteristics

Conductor cross-section	0.5 mm ² max.
Conductor cross-section	AWG 20
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
Ambient temperature	-30 ... +85 °C
Tightening torque	0.6 Nm



Pushing Performance

Technical characteristics

Wrench size	A/F 18 Knurled screw / knurled nut
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 / IP67 when mated
Cable diameter	4 ... 8 mm
Overvoltage category	III
Isolation group	I ($600 \leq CTI$)

Material properties

Material (insert)	Polyamide
Material (contacts)	Brass
Surface (contacts)	Gold plated
Material (hood/housing)	Polyamide Zinc die-cast
RoHS	compliant with exemption
RoHS exemptions	6(c): 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	28.5 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440102 Circular connector (for field assembly)