

# M12-Screw-8P-ACOD-M-ANG



Part number	21 03 319 3801
Specification	M12-Screw-8P-ACOD-M-ANG
HARTING eCatalogue	https://b2b.harting.com/21033193801

## Identification

Category	Connector
Series	Circular connectors M12
Element	Cable connector
Specification	Angled

## 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 mm² 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 <sup>8</sup> Ω
Contact resistance	≤10 mΩ
Ambient temperature	-30 +85 °C
Tightening torque	0.6 Nm

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#### 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 ≤ 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	30 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440102 Circular connector (for field assembly)

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