

## M12-SCREW-8P-ACOD-F-STR



Part number	21 03 319 2801
Specification	M12-SCREW-8P-ACOD-F-STR
HARTING eCatalogue	<a href="https://b2b.harting.com/21033192801">https://b2b.harting.com/21033192801</a>

### Identification

Category	Connector
Series	Circular connectors M12
Element	Cable connector
Specification	Straight

### Version

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

### Technical characteristics

Conductor cross-section	0.5 mm <sup>2</sup> 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



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