

M12-Screw-8P-ACOD-F-ANG



Part number	21 03 319 4801
Specification	M12-Screw-8P-ACOD-F-ANG
HARTING eCatalogue	https://b2b.harting.com/21033194801

Image is for illustration purposes only. Please refer to product description.

Identification

Category	Connectors
Series	Circular connectors M12
Element	Cable connector
Specification	Angled

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 mm² max.
Conductor cross-section	AWG 20
Rated current	2 A
Rated voltage	30 V
Rated impulse voltage	0.8 kV
Pollution degree	3
Insulation resistance	>10 ⁸ Ω
Contact resistance	≤10 mΩ
Tightening torque	0.6 Nm

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Technical characteristics

Wrench size (knurled screw / knurled nut)	18
Ambient temperature	-30 +85 °C
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP67 when mated
Cable diameter	4 8 mm
Overvoltage category	III
Isolation group	I (600 ≤ CTI)

Material properties

Material (insert)	Polyamide (PA)
Material (contacts)	Brass
Surface (contacts)	Gold plated
Material (hood/housing)	Polyamide (PA) 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
Commercial data	
Packaging size	1
Net weight	34.7 g
Country of origin	Czechia
European customs tariff number	85366990
eCl@ss	27440102 Circular connector (for field assembly)

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