Pushing Performance
Since 1945

Circular Conn Angled HARAX M12 4p male

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

Part number	21 01 140 5081
Specification	Circular Conn Angled HARAX M12 4p male
HARTING eCatalogue	https://b2b.harting.com/21011405081

Identification

Category	Connectors
Series	Circular connectors M12
Element	Cable connector
Specification	Angled

Version

Termination method	HARAX® connection technology
Gender	Male
Shielding	Unshielded
Number of contacts	4
Coding	A-coding
Locking type	Screw locking

Technical characteristics

Conductor cross-section	0.25 ... 0.5 mm²
Conductor cross-section	AWG 24 ... AWG 20
Wire outer diameter	≤1.6 mm
Rated current	4 A
Rated voltage	32 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Overvoltage category	III
Insulation resistance	$>10^8$ Ω

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Technical characteristics

Contact resistance	≤10 mΩ
Tightening torque	0.6 Nm
Wrench size (knurled screw / knurled nut)	13
Limiting temperature	-40 ... +85 °C
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition
Cable diameter	4 ... 5.1 mm
Isolation group	I (600 ≤ CTI)

Material properties

Material (insert)	Polyamide (PA)
Material (contacts)	Brass
Surface (contacts)	Au over Ni Mating side
Material (hood/housing)	Polyamide (PA) Zinc die-cast
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel

Specifications and approvals

Specifications	IEC 61076-2-101
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079

Commercial data

Packaging size	1
Net weight	24 g
Country of origin	Germany
European customs tariff number	85389099

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GTIN	5713140136861
eCl@ss	27440116 Circular connector (for field assembly)

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