

Circular Conn Angled HARAX M12 4p female



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

Part number	21 01 140 5091
Specification	Circular Conn Angled HARAX M12 4p female
HARTING eCatalogue	https://b2b.harting.com/21011405091

Identification

Category	Connectors
Series	Circular connectors M12
Element	Cable connector
Specification	Angled

Version

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

Technical characteristics

Conductor cross-section	0.25 ... 0.5 mm ²
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
Insulation resistance	>10 ⁸ Ω
Contact resistance	≤10 mΩ



Pushing Performance

Technical characteristics

Ambient temperature	-40 ... +85 °C
Tightening torque	0.6 Nm
Wrench size (knurled screw / knurled nut)	13
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 / IP67 when mated
Cable diameter	4 ... 5.1 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
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

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	10
Net weight	26 g
Country of origin	Germany
European customs tariff number	85389099
eCl@ss	27440102 Circular connector (for field assembly)