

Circular Conn Angled HARAX M12 4p female



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

Identification

Category	Connector
Series	Circular connectors M12
Element	Cable connector
Specification	Angled

Version

Termination method	HARAX [®] connection technology
Gender	Female
Locking type	Screw locking
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
Ambient temperature	-40 ... +85 °C -5 ... +50 °C During connection
Tightening torque	0.6 Nm
Wrench size	A/F 13 Knurled screw / knurled nut
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 when mated IP67 when mated



Pushing Performance

Technical characteristics

Cable diameter	4 ... 5.1 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
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

Specifications and approvals

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