

## Circular Conn Angled HARAX M12 4p male



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	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 mm <sup>2</sup>
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 <sup>8</sup> Ω

## Technical characteristics

Contact resistance	≤10 mΩ
Tightening torque	0.6 Nm
Wrench size (knurled screw / knurled nut)	13
Ambient 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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel Lead

## 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	26.2 g
Country of origin	Germany
European customs tariff number	85389099

## Commercial data

eCl@ss

27440102 Circular connector (for field assembly)