

# HARAX M12-S female 3-pole



Part number	21 03 111 2305
Specification	HARAX M12-S female 3-pole
HARTING eCatalogue	https://b2b.harting.com/21031112305

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

#### Identification

Category	Connectors
Series	Circular connectors M12
Identification	M12-S
Element	Cable connector
Specification	Straight

# Version

Termination method	HARAX <sup>®</sup> connection technology
Gender	Female
Shielding	Unshielded
Number of contacts	3
Coding	A-coding
Locking type	Screw locking

# **Technical characteristics**

Conductor cross-section	0.14 0.34 mm²
Conductor cross-section	AWG 26 AWG 22
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

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#### Technical characteristics

Insulation resistance	>10 <sup>8</sup> Ω
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	2.9 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	23.2 g
Country of origin	Germany

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#### Commercial data

European customs tariff number85366990GTIN5713140225084eCl@ss27440116 Circular connector (for field assembly)

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