

## HARAX M8-S male 3-pole



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

Part number	21 02 151 1305
Specification	HARAX M8-S male 3-pole
HARTING eCatalogue	<a href="https://b2b.harting.com/21021511305">https://b2b.harting.com/21021511305</a>

### Identification

Category	Connectors
Series	Circular connectors M8
Identification	M8-S
Element	Cable connector
Specification	Straight

### Version

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

### Technical characteristics

Conductor cross-section	0.14 ... 0.34 mm <sup>2</sup>
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



Pushing Performance

## Technical characteristics

Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Tightening torque	0.4 Nm
Wrench size (knurled screw / knurled nut)	9
Ambient temperature	-40 ... +85 °C
Mating cycles	$\geq 100$
Degree of protection acc. to IEC 60529	IP67 locked condition
Cable diameter	2.5 ... 5.1 mm
Isolation group	I ( $600 \leq \text{CTI}$ )

## Material properties

Material (insert)	Polyamide (PA)
Material (contacts)	Copper alloy
Surface (contacts)	Gold plated
Material (hood/housing)	Polyamide (PA) Zinc die-cast
RoHS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	0d7d3693-d625-47ab-934a-d241bf72c86e

## Specifications and approvals

Specifications	IEC 61076-2-104
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079

## Commercial data

Packaging size	1
Net weight	11.9 g



Pushing Performance

## Commercial data

Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440102 Circular connector (for field assembly)