

HARAX M8-XS male 3-pole



Part number	21 02 159 1305
Specification	HARAX M8-XS male 3-pole
HARTING eCatalogue	https://b2b.harting.com/21021591305

Identification

Category	Connector
Series	Circular connectors M8
Identification	M8-XS
Element	Cable connector
Specification	Straight

Version

Termination method	HARAX [®] connection technology
Gender	Male
Locking type	Screw locking
Shielding	Unshielded
Number of contacts	3
Coding	A-coding

Technical characteristics

Conductor cross-section	0.1 ... 0.14 mm ²
Conductor cross-section	AWG 27 ... AWG 26
Wire outer diameter	≤1 mm
Rated current	2 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	0.4 Nm
Wrench size	A/F 9 Knurled screw / knurled nut
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP67 in locked position
Cable diameter	1.9 ... 3.5 mm
Overvoltage category	III
Isolation group	I (600 ≤ CTI)

Material properties

Material (insert)	Polyamide
Material (contacts)	Copper alloy
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

Specifications	IEC 61076-2-104
----------------	-----------------

Commercial data

Packaging size	10
Net weight	12 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440102 Circular connector (for field assembly)