

HARAX M8-S male 3-pole



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

Identification

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

Version

Termination method	HARAX [®] connection technology
Gender	Male
Locking type	Screw locking
Number of contacts	3

Technical characteristics

Conductor cross-section	0.14 ... 0.34 mm ²
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
Insulation resistance	≥10 ⁸ Ω
Contact resistance	≤10 mΩ
Ambient temperature	-40 ... +85 °C -5 ... +50 °C During connection
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	2.5 ... 5.1 mm



Pushing Performance

Technical characteristics

Overvoltage category	III
Isolation group	I ($600 \leq CTI$)

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

UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
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Commercial data

Packaging size	1
Net weight	13 g
Country of origin	Germany
European customs tariff number	85366990