

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

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

Identification

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

Version

Termination method	HARAX [®] connection technology
Gender	Male
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 ^θ QContact resistance50 mQTightening torque04 NmWrench size (knurled screw / knurled nut)9Limiting temperature40 +85 °CMating cycles100Degree of protection acc. to IEC 605290IP67 locked conditionCable diameter2.5 6.1 mmIsolation group1600 s CTI)Waterial propertiesCopper alloyMaterial (insert)Polyamide (PA)Material (nood/housing)600 s CTI)Surface (contacts)Copper alloySurface (contacts)Copper alloyMaterial (hood/housing)6(c): Copper alloyRoHScompliant with exemptionRoHScompliant with exemptionRoHS50RACH ANNEX XIV substancesNot containedRACH ANNEX XIV substancesNot containedRACH SVHC substancesVesCalifornia Proposition 65 substancesYesCalifornia Proposition 65 substancesLeadCalifornia Proposition 65 substancesNa 54552 (2020-08)Requirement set with Hazard LevelsKate Asset Couposition Si ubstancesRequirement set with Hazard Levels </th <th></th> <th></th>		
Tightening torque0.4 NmWrench size (knurled screw / knurled nut)9Limiting temperature-40 +85 °CMating cycles100Degree of protection acc. to IEC 60529IP67 locked conditionCable diameter2.5 5.1 nmIsolation group1(600 ≤ CTI)Material propertiesPolyamide (PA)Material (nsert)Polyamide (PA)Material (contacts)Coper alloySurface (contacts)Au over Ni Mating sideMaterial (hodr/housing)Polyamide (PA)RoHScompliant with exemptionRoHScompliant with exemptionRoHScompliant with exemptionRoHSSocotaning up to 4 % lead by weightELV statuscompliant with exemptionREACH SNVE SubstancesNot containedREACH SNVE SubstancesNot containedREACH SNVE SubstancesVesCalifornia Proposition 65 substancesYesFire protection on railway vehiclesEN 4554-2 (2020-08)	Insulation resistance	>10 ⁸ Ω
Instruction Percention Wrench size (knurled screw / knurled nut) 9 Limiting temperature -40+85 °C Mating cycles ≥100 Degree of protection acc. to IEC 60529 IP67 locked condition Cable diameter 2.55.1 mm Isolation group (60 ≤ CTI) Material properties Material (insert) Polyamide (PA) Material (contacts) Copper alloy Surface (contacts) Au over Ni Mating side Material (hood/housing) Polyamide (PA) Zinc dia-cast Zinc dia-cast RoHS compliant with exemption RoHS Gold containing up to 4 % lead by weight ELV status compliant with exemption China RoHS Sof RACH Annex XVI substances Not contained RACH ANNEX XVI substances Ves RACH SVHC substances Ves California Proposition 65 substances Yes California Proposition 65 substances Lead Nickel	Contact resistance	≤10 mΩ
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REACH ANNEX XIV substancesNot containedREACH SVHC substancesYesREACH SVHC substancesLeadCHA SCIP number0d7d3693-d625-47ab-934a-d241bf72c86eCalifornia Proposition 65 substancesYesCalifornia Proposition 65 substancesLeadCalifornia Proposition 65 substancesEvaluation of the substancesFire protection on railway vehiclesEN 45545-2 (2020-08)	China RoHS	50
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REACH SVHC substancesLeadECHA SCIP number0d7d3693-d625-47ab-934a-d241bf72c86eCalifornia Proposition 65 substancesYesCalifornia Proposition 65 substancesLead NickelFire protection on railway vehiclesEN 45545-2 (2020-08)	REACH ANNEX XIV substances	Not contained
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California Proposition 65 substances Nickel Fire protection on railway vehicles EN 45545-2 (2020-08)	California Proposition 65 substances	Yes
	California Proposition 65 substances	
Requirement set with Hazard Levels R26	Fire protection on railway vehicles	EN 45545-2 (2020-08)
	Requirement set with Hazard Levels	R26

Specifications and approvals

Specifications	IEC 61076-2-104	
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Specifications and approvals

UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
Commercial data	
Packaging size	1
Net weight	11.9 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140136922
eCl@ss	27440116 Circular connector (for field assembly)

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