



Pushing Performance

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 | https://b2b.harting.com/21021511305 |

Identification

| | |
|----------------|------------------------|
| Category | Connectors |
| Series | Circular connectors M8 |
| Identification | M8-S |
| 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 | 0.14 ... 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 |

Page 1 / 2 | Creation date 2020-03-31 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.

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Technical characteristics

| | |
|-------------------------------------------|-------------------------|
| Contact resistance | ≤10 mΩ |
| Tightening torque | 0.4 Nm |
| Wrench size (knurled screw / knurled nut) | 9 |
| Ambient temperature | -40 ... +85 °C |
| Mating cycles | ≥100 |
| Degree of protection acc. to IEC 60529 | IP67 in locked position |
| Cable diameter | 2.5 ... 5.1 mm |
| Overvoltage category | III |
| Isolation group | I (600 ≤ 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 |
| 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 |
| 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 |
| eCl@ss | 27440102 Circular connector (for field assembly) |



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