

Circular Connector with Harax F 8 / 3-po



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|--------------------|---|
| Part number | 21 02 151 2305 |
| Specification | Circular Connector with Harax F 8 / 3-po |
| HARTING eCatalogue | https://b2b.harting.com/21021512305 |

Identification

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

Version

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

Technical characteristics

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|--|---|
| 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

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

Material properties

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|-----------------------------|----------------------------|
| 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

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

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|--------------------------------|----------|
| Packaging size | 1 |
| Net weight | 14.6 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |