

Han 1A-M12-m X-coded



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

| | |
|--------------------|---|
| Part number | 09 10 008 3006 |
| Specification | Han 1A-M12-m X-coded |
| HARTING eCatalogue | https://b2b.harting.com/09100083006 |

Identification

| | |
|----------|---------------------|
| Category | Inserts |
| Series | Han [®] 1A |

Version

| | |
|--------------------|----------------------|
| Termination method | Crimp termination |
| Gender | Male |
| Size | 1 A |
| Shielding | With cable tie |
| Number of contacts | 8 |
| further contacts | + shielding |
| Locking type | Single locking lever |

Details

Please order crimp contacts separately.
Please order locking lever separately.
Order separately the hoods/housings for an IP65 performance.
Contact insert not compatible with 09 10 000 0800 (bulkhead mounted housing, angled)

Details

A Han[®] 1A configuration that only consists of inserts (with or without strain relief, 09 10 000 5300) is an unenclosed connector according to IEC 61984. In this case protection against electric shock must be provided by the installation methods of the user.
Contact inserts must not be coupled or decoupled under electrical load.
Contact inserts must not be powered-up in the un-mated condition.

Technical characteristics

| | |
|-------------------------|-------------------------------|
| Conductor cross-section | 0.08 ... 0.25 mm ² |
| Rated current | 0.5 A |



Pushing Performance

Technical characteristics

| | |
|--|--|
| Rated voltage | 48 V |
| Rated impulse voltage | 0.8 kV |
| Pollution degree | 3 |
| Transmission characteristics | Cat. 6 _A Class E _A up to 500 MHz |
| Data rate | 10 Mbit/s |
| | 100 Mbit/s |
| | 1 Gbit/s |
| | 2.5 Gbit/s |
| | 5 Gbit/s |
| Insulation resistance | >10 ⁸ Ω |
| Limiting temperature | -30 ... +90 °C |
| Mating cycles | ≥100 |
| Degree of protection acc. to IEC 60529 | IP20 |

Material properties

| | |
|---|--|
| Material (insert) | Polyamide (PA) |
| Colour (insert) | RAL 9005 (jet black) |
| Material flammability class acc. to UL 94 | V-0 |
| RoHS | compliant with exemption |
| RoHS exemptions | 6(c): Copper alloy containing up to 4 % lead by weight |
| ELV status | compliant with exemption |
| China RoHS | 50 |
| REACH Annex XVII substances | No |
| REACH ANNEX XIV substances | No |
| REACH SVHC substances | Yes |
| REACH SVHC substances | Lead |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead |

Specifications and approvals

| | |
|----------------|-------------------------------|
| Specifications | EN 45545-2 R22: HL1, HL2, HL3 |
| | EN 45545-2 R23: HL1, HL2, HL3 |
| | EN 45545-2 R24: HL1, HL2, HL3 |
| | IEC 61373 Category 1 Class B |
| | EN 60664-1 |
| | IEC 61984 |



Pushing Performance

Specifications and approvals

| | |
|-----------|---|
| Approvals | DNV GL |
| UL / CSA | UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076 Please contact your local HARTING subsidiary for further information. |

Commercial data

| | |
|--------------------------------|---|
| Packaging size | 1 |
| Net weight | 30 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| eCl@ss | 27440205 Contact insert for industrial connectors |

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