

Han 1A-M12-f X-coded



| Part number | 09 10 008 3106 |
|--------------------|-------------------------------------|
| Specification | Han 1A-M12-f X-coded |
| HARTING eCatalogue | https://b2b.harting.com/09100083106 |

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

Identification

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

Version

| | ••• • • • • |
|---------------------------|--|
| Termination method | Crimp termination |
| Gender | Female |
| 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 mm² |
|-------------------------|---------------|
| Rated current | 0.5 A |

Page 1 / 3 | Creation date 2021-10-01 | 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. HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com Product data sheet 09 10 008 3106 Han 1A-M12-f X-coded



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 10 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 (seal) | NBR |
| Colour (seal) | 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 |
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| | |

Page 2 / 3 | Creation date 2021-10-01 | 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. HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com Product data sheet 09 10 008 3106 Han 1A-M12-f X-coded



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 |
| Approvals | DNV GL |
| | UL 1977 ECBT2.E235076 |
| UL / CSA | 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 |

Page 3 / 3 | Creation date 2021-10-01 | 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. HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com