

Han 1A-M12-m X-coded



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

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

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 mm²
Rated current	0.5 A

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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/s100 Mbit/s1 Gbit/s2.5 Gbit/s5 Gbit/s10 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

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

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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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