

# Han 1A-M12-m X-coded, latch

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		Part number	09 10 008 3000	
		Specification	Han 1A-M12-m X-coded, latch	
		HARTING eCatalogue	https://b2b.harting.com/09100083000	
Identification				
Category	Inserts			
Series	Han <sup>®</sup> 1A			
Version				
Termination method	Crimp termi	nation		
Gender	Male			
Size	1 A			
Shielding	With cable t	ie		
Number of contacts	8			
further contacts	+ shielding			
Locking type	Snap-in lato	hes		
		Please order crimp contacts separately.		
Details		Order separately the hoods/housings for an IP65 performance. Contact insert not compatible with 09 10 000 0800 (bulkhead mounted housing,		
	angled)			
	A Han <sup>®</sup> 1A	A Han <sup>®</sup> 1A configuration that only consists of inserts (with or without strain relief, 09 10 000 5300) is an unenclosed connector. In this case protection against electric shock must be provided by the installation methods of the user.		
Details				
		Contact inserts must not be coupled or decoupled under electrical load. Contact inserts must not be powered-up in the un-mated condition.		
	Contact inse	ens must not be powered-up		
Technical characteristics				
Conductor cross-section	0.08 0.25	mm²		
Rated current	0.5 A			

Rated voltage	48 V
Rated impulse voltage	0.8 kV
Page 1 / 2   Creation data 2024 02 12   Plages note t	hat the data appointed here were taken as extracts from the opline estalogue. Disease refer to

Page 1 / 3 | Creation date 2024-03-13 | 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



### Technical characteristics

Pollution degree	3
Transmission characteristics	Cat. 6 <sub>A</sub> Class E <sub>A</sub> 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 <sup>8</sup> 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
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R22 (HL 1-3) R23 (HL 1-3)

## Specifications and approvals

Specifications	EN 45545-2 Fire protection on railway vehicles IEC 61373 Category 1 Class B IEC 60664-1
Approvals	DNV GL
Commercial data	
Packaging size	1
Net weight	30 g
Country of origin	Romania

Page 2 / 3 | Creation date 2024-03-13 | 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



#### Commercial data

European customs tariff number

ETIM

eCl@ss

85366990

EC000438

27440205 Contact insert for industrial connectors

Page 3 / 3 | Creation date 2024-03-13 | 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