Pollution degree

Transmission characteristics



# Han M12 Crimp X-coded female metal nut

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		Part number	09 14 881 2806
		Specification	Han M12 Crimp X-coded female metal nut
		HARTING eCatalogue	https://b2b.harting.com/09148812806
le stifice die s			
Identification	lucente		
Category	Inserts	۹	
Series	Han-Modula		
Specification	With metal n	ut	
Version			
Termination method	Crimp termin	lation	
Gender	Female		
Number of contacts	8		
further contacts	+ shielding		
Coding	X-coding		
Details	Please order	crimp contacts separately.	
Technical characteristics			
Conductor cross-section	0.08 0.25	mm²	
Conductor cross-section	AWG 28 A	WG 23	
Wire outer diameter	≤1.4 mm		
Rated current	0.5 A		
Rated voltage	32 V		
Rated impulse voltage	0.8 kV		
Dellution degree	2		

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Cat.  $6_{\text{A}}$  Class  $\text{E}_{\text{A}}$  up to 500 MHz

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#### **Technical characteristics**

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
Contact resistance	≤10 mΩ
Contact resistance, shielding	≤100 mΩ
Tightening torque	0.6 Nm
Wrench size	12 13
Limiting temperature	-40 +85 °C
Mating cycles	≥500

#### Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (shielding)	Copper alloy, nickel plated
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
California Proposition 65 substances	Not contained

### Specifications and approvals

Specifications	IEC 60664-1
Specifications	IEC 61984

## Commercial data

Packaging size	1
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140187832



Commercial data

eCl@ss

27440205 Contact insert for industrial connectors

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