

DIN-Signal high current m, 10A crimp



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Part number	09 03 000 6113
Specification	DIN-Signal high current m, 10A crimp
HARTING eCatalogue	https://b2b.harting.com/09030006113

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

Identification

Category	Contacts	
Series	DIN 41612	
Type of contact	Crimp contact	
Contacts for	DIN 41612 Type M DIN 41612 Type M invers DIN 41612 Type MH 21+5 DIN 41612 Bauform M 0+2 har-modular [®] M module, male, angled har-modular [®] M module, male, straight	
Features	lead-free	
Version	Male contact for male connectors	
Manufacturing process	Turned contacts	
Technical characteristics		
Conductor cross-section	1.5 mm ²	
Conductor cross-section	AWG 16	
Rated current	≤10 A	
Performance level	1	
Mating cycles	≥500	
Material properties		
Material (contacts)	Copper alloy	
Surface (contacts)	Noble metal over Ni Mating side	
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Page 1 / 3 | Creation date 2023-09-14 | 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 Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany

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Material properties

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	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	ecef7555-f643-4ceb-a337-fc54762297f1
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel

Specifications and approvals

Specifications	DIN 41626
Commercial data	
Packaging size	100
Net weight	2.14 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140003866
ETIM	EC000796
eCl@ss	27440204 Contact for industrial connectors

Product data sheet 09 03 000 6113 DIN-Signal high current m, 10A crimp



Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (nonintermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2

