

## DIN-Signal high current FC 20A crimp



Part number	09 03 000 6220
Specification	DIN-Signal high current FC 20A crimp
HARTING eCatalogue	https://b2b.harting.com/09030006220

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

## Identification

Category	Contacts
Series	DIN 41612
Type of contact	Crimp contact
Description of the contact	Straight
Contacts for	DIN 41612 Type M DIN 41612 Type MH 21+5 DIN 41612 Bauform M 0+2
Features	lead-free
Version	
Gender	Female contact for female connectors
Manufacturing process	Turned contacts
Technical characteristics	
Conductor cross-section	2.5 mm <sup>2</sup>
Conductor cross-section	AWG 14
Operating current	≤20 A
Performance level	1
Mating cycles	≥500
Material properties	
Material (contacts)	Copper alloy
Surface (contacts)	Noble metal over Ni Mating side
RoHS	compliant with exemption

Page 1 / 3 | Creation date 2023-06-16 | 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 Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



## Material properties

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
Specifications and approvals	
Specifications	DIN 41626
Commercial data	
Packaging size	100
Net weight	2 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140004108
eCl@ss	27440204 Contact for industrial connectors

Product data sheet 09 03 000 6220 DIN-Signal high current FC 20A 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

