

# M23 09 Male -solder (termination)



Part number	09 15 109 2602
Specification	M23 09 Male -solder (termination)
HARTING eCatalogue	https://b2b.harting.com/09151092602

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

#### Version

Termination method	Solder termination
Gender	Male
Number of contacts	9
Number of signal contacts	8
Number of special contacts	1
Specification of special contacts	Auxiliary contact

### Technical characteristics

Conductor cross-section	1 mm² max.
Rated current (signal)	8 A
Rated voltage (signal)	200 V
Rated impulse voltage (signal)	2.5 kV
Pollution degree (signal)	3
Rated current (special contact)	20 A
Rated voltage (special contact)	200 V
Rated impulse voltage (special contact)	2.5 kV
Pollution degree (special contact)	3
Insulation resistance	>10 <sup>10</sup> Ω
Limiting temperature	-40 +125 °C
Mating cycles	≥500

## Material properties

Material (insert)

Polyamide (PA)

Page 1 / 2 | Creation date 2023-03-03 | 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

eCl@ss

Colour (insert)	White
Material (contacts)	Copper alloy
Surface (contacts)	Gold plated
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	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	052d6da0-30ef-44e8-bbe4-e75780521d22
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead
Specifications and approvals	
UL / CSA	UL 1977 ECBT2.E235076
Commercial data	
	-
Packaging size	5
Net weight	6 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140187184

Page 2 / 2 | Creation date 2023-03-03 | 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

27440223 Contact insert for circular connectors