

M12 SD male A-cod 8-pole crimpflange



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

Part number	21 03 821 1807
Specification	M12 SD male A-cod 8-pole crimpflange
HARTING eCatalogue	https://b2b.harting.com/21038211807

Identification

Category	Connectors
Series	Circular connectors M12
Identification	Slim Design
Element	Cable connector
Specification	Straight

Version

Termination method	Crimp termination
Gender	Male
Shielding	Shielded Shield connection with crimp flange
Number of contacts	8
Coding	A-coding
Locking type	Screw locking
Details	Please order crimp contacts separately. Please order crimp flange set separately.

Technical characteristics

Conductor cross-section	0.13 ... 0.33 mm ²
Conductor cross-section	AWG 26 ... AWG 22
Wire outer diameter	≤1.65 mm
Rated current	2 A
Rated voltage	30 V AC 30 V DC



Pushing Performance
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Technical characteristics

Rated impulse voltage	0.8 kV
Pollution degree	3
Overvoltage category	III
Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Tightening torque	0.6 Nm
Wrench size (knurled screw / knurled nut)	15
Limiting temperature	-40 ... +85 °C
Mating cycles	≥ 500
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition
Isolation group	I ($600 \leq \text{CTI}$)

Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (hood/housing)	Zinc die-cast
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	0d7d3693-d625-47ab-934a-d241bf72c86e
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel Naphthalene
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	IEC 61076-2-101
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Commercial data

Packaging size	1
Net weight	4.3 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140225619
ETIM	EC002635
eCl@ss	27440116 Circular connector (for field assembly)