

M12 Crimp Slim Design 8pol A-coded male



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

Part number	21 03 821 1805
Specification	M12 Crimp Slim Design 8pol A-coded male
HARTING eCatalogue	https://b2b.harting.com/21038211805

Identification

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

Version

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

Technical characteristics

Conductor cross-section	0.13 ... 0.33 mm ²
Conductor cross-section [AWG]	AWG 26 ... AWG 22
Wire outer diameter	≤1.65 mm
Rated current	2 A
Rated voltage	30 V AC 30 V DC
Rated impulse voltage	0.8 kV



Pushing Performance
Since 1945

Technical characteristics

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
Cable diameter	5.7 ... 8.8 mm
Isolation group	I ($600 \leq \text{CTI}$)

Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (hood/housing)	Zinc die-cast
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	Yes
California Proposition 65 substances	Lead Nickel Naphthalene
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R26

Specifications and approvals

Specifications	IEC 61076-2-101
UL / CSA	UL 2238 CYJV2.E302521 CSA-C22.2 No. 182.3 CYJV8.E302521

Commercial data

Packaging size	1
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Commercial data

Net weight	53.045 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140139589
ETIM	EC002635
eCl@ss	27440116 Circular connector (for field assembly)