

## 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	<a href="https://b2b.harting.com/21038211805">https://b2b.harting.com/21038211805</a>

### 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 <sup>2</sup>
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
Rated impulse voltage	0.8 kV



Pushing Performance

## 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
Ambient temperature	-40 ... +85 °C
Mating cycles	$\geq 500$
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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel Lead Naphthalene

## 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
Net weight	46.2 g
Country of origin	Romania



Pushing Performance

## Commercial data

European customs tariff number 85366990

eCl@ss 27440102 Circular connector (for field assembly)