

# M12 PushPull 8-pole A-coded male



Part number	21 03 821 1830
Specification	M12 PushPull 8-pole A-coded male
HARTING eCatalogue	https://b2b.harting.com/21038211830
Identification	
Category	Connector
Series	Circular connectors M12
Identification	M12 PushPull
Element	Cable connector
Specification	Straight

### Version

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

## **Technical characteristics**

Conductor cross-section	0.13 0.33 mm²
Conductor cross-section	AWG 26 AWG 22
Wire outer diameter	≤1.65 mm
Rated current	2 A
Rated voltage	30 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Insulation resistance	≥10 <sup>8</sup> Ω
Contact resistance	≤10 mΩ
Ambient temperature	-40 +85 °C -5 +50 °C During connection
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP67 when mated

Page 1 / 2 | Creation date 2018-08-06 | 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



#### Technical characteristics

Cable diameter	5.7 8.8 mm
Overvoltage category	III
Isolation group	I (600 ≤ CTI)
Material properties	
Material (insert)	LCP
Material (hood/housing)	Zinc die-cast
RoHS	compliant with exemption
RoHS exemptions	<ul> <li>6a: Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight</li> <li>6c: Copper alloy containing up to 4 % lead by weight</li> </ul>
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead

# Specifications and approvals

UL/CSA	UL 2238 CYJV2.E302521
OL/CSA	CSA-C22.2 No. 182.3 CYJV8.E302521

# Commercial data

Packaging size	10
Net weight	60.2 g
Country of origin	Romania
Customs tariff number	85369010