

## M12 PushPull 8-pole A-coded female



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

Part number	21 03 821 2830
Specification	M12 PushPull 8-pole A-coded female
HARTING eCatalogue	<a href="https://harting.com/21038212830">https://harting.com/21038212830</a>

### Identification

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

### Version

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

### Technical characteristics

Conductor cross-section	0.13 ... 0.33 mm <sup>2</sup>
Conductor cross-section [AWG]	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

## Technical characteristics

Overvoltage category	III
Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Limiting 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	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained

## Specifications and approvals

Specifications	IEC 61076-2-101 IEC 61076-2-010
UL / CSA	UL 2238 CYJV2.E302521 CSA-C22.2 No. 182.3 CYJV8.E302521

## Commercial data

Packaging size	1
Net weight	50 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140226906
eCl@ss	27440116 Circular connector (for field assembly)
ETIM	EC002635

## Commercial data

UNSPSC 24.0

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