

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	https://b2b.harting.com/21038212830

Identification

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

Version

Termination method	Crimp termination
Gender	Female
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 mm ²
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



Pushing Performance

Technical characteristics

Overvoltage category	III
Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Ambient 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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

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	54.33 g
Country of origin	Romania
European customs tariff number	85389099
eCl@ss	27440102 Circular connector (for field assembly)