

## M12 PushPull 8-pole X-coded male



Part number	21 03 881 1830
Specification	M12 PushPull 8-pole X-coded male
HARTING eCatalogue	<a href="https://b2b.harting.com/21038811830">https://b2b.harting.com/21038811830</a>

### 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	X-coding
Details	Please order crimp contacts separately.

### Technical characteristics

Conductor cross-section	0.08 ... 0.25 mm <sup>2</sup>
Conductor cross-section	AWG 28 ... AWG 23
Wire outer diameter	≤1.4 mm
Rated current	0.5 A
Rated voltage	48 V
Rated impulse voltage	0.8 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



Pushing Performance

## Technical characteristics

Cable diameter	5.7 ... 8.8 mm
Transmission characteristics	Cat. 6 <sub>A</sub> Class E <sub>A</sub> up to 500 MHz
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	6a: Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight 6c: Copper alloy containing up to 4 % lead by weight
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 CSA-C22.2 No. 182.3 CYJV8.E302521
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## Commercial data

Packaging size	10
Net weight	61.35 g
Country of origin	Romania
Customs tariff number	85366990