

M12-PP-CC-CRIMP-8P-XCOD-M-ANG-SHLD



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

Part number	21 03 881 3830
Specification	M12-PP-CC-CRIMP-8P-XCOD-M-ANG-SHLD
HARTING eCatalogue	https://b2b.harting.com/21038813830

Identification

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

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.
Details	For Ethernet applications up to 10 Gbit only

Technical characteristics

Conductor cross-section	0.08 ... 0.25 mm ²
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



Pushing Performance

Technical characteristics

Pollution degree	3
Transmission characteristics	Cat. 6 _A Class E _A up to 500 MHz
Overvoltage category	III
Insulation resistance	>10 ⁸ Ω
Contact resistance	≤10 mΩ
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 ≤ CTI)

Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (hood/housing)	Zinc die-cast
RoHS	compliant with exemption
RoHS exemptions	6(a) / 6(a)-I: Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight / Lead as an alloying element in steel for machining purposes containing up to 0,35 % lead by weight and in batch hot dip galvanised steel components containing up to 0,2 % lead by weight 6(c): 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

Specifications	IEC 61076-2-109
UL / CSA	UL 2238 CYJV2.E302521 CSA-C22.2 No. 182.3 CYJV8.E302521

Commercial data

Packaging size	1
Net weight	1 g



Pushing Performance

Commercial data

Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27440102 Circular connector (for field assembly)