

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



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	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 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
Pollution degree	3
Insulation resistance	≥10 ⁸ Ω
Contact resistance	≤10 mΩ
Ambient temperature	-40 ... +85 °C -5 ... +50 °C During connection
Mating cycles	≥500



Pushing Performance

Technical characteristics

Degree of protection acc. to IEC 60529	IP67 when mated
Cable diameter	5.7 ... 8.8 mm
Transmission characteristics	Cat. 6 _A Class E _A 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

Commercial data

Packaging size	10
Net weight	1 g
Country of origin	Romania
Customs tariff number	85366990