

M12 slim female crimp 8 pol X cod



Part number	21 03 881 2805
Specification	M12 slim female crimp 8 pol X cod
HARTING eCatalogue	https://b2b.harting.com/21038812805

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

Identification

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

Version

Termination method	Crimp termination
Gender	Female
Locking type	Screw locking
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 mm²
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

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Technical characteristics

Pollution degree	3
Insulation resistance	>10 ⁸ Ω
Contact resistance	≤10 mΩ
Tightening torque	0.6 Nm
Wrench size (knurled screw / knurled nut)	15
Ambient temperature	-40 +85 °C
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP65 / 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)	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 61076-2-109
UL / CSA	UL 2238 CYJV2.E302521 CSA-C22.2 No. 182.3 CYJV8.E302521

Commercial data

Packaging size	1
Net weight	47 g
Country of origin	Romania
European customs tariff number	85366990

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Commercial data

eCl@ss

27440102 Circular connector (for field assembly)

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