

# 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://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
Shielding	Shielded
Number of contacts	8
Coding	X-coding
Locking type	Screw locking
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]	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

California Proposition 65 substances

Pollution degree	3
Transmission characteristics	Cat. 6 <sub>A</sub> Class E <sub>A</sub> up to 500 MHz
Overvoltage category	III
Data rate	10 Mbit/s 100 Mbit/s 1 Gbit/s 2.5 Gbit/s 5 Gbit/s 10 Gbit/s
Insulation resistance	>10 <sup>8</sup> Ω
Contact resistance	≤10 mΩ
Tightening torque	0.6 Nm
Wrench size (knurled screw / knurled nut)	15
Limiting 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
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Yes

NaphthaleneFire protection on railway vehiclesEN 45545-2 (2020-08)Requirement set with Hazard LevelsR26

Lead

Nickel

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### 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	50 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140226074
ETIM	EC002635
eCl@ss	27440116 Circular connector (for field assembly)

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