



Pushing Performance
Since 1945

M12-SD-CC-CRIMP-8P-XCOD-M-STR-CF



Part number	21 03 881 1814
Specification	M12-SD-CC-CRIMP-8P-XCOD-M-STR-CF
HARTING eCatalogue	https://b2b.harting.com/21038811814

Identification

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

Version

Termination method	Crimp termination
Gender	Male
Shielding	Shielded Shield connection with crimp flange
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	0.13 ... 0.33 mm ²
Conductor cross-section	AWG 26 ... AWG 22
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
Transmission characteristics	Cat. 6 _A Class E _A 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 ⁸ 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
Isolation group	I (600 ≤ CTI)

Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (hood/housing)	Zinc die-cast

Specifications and approvals

Specifications	IEC 61076-2-109
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Commercial data

Packaging size	1
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140226036
ETIM	EC002635
eCl@ss	27440116 Circular connector (for field assembly)