

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



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

Part number	21 03 861 1814
Specification	M12-SD-CC-CRIMP-8P-YCOD-M-STR-CF
HARTING eCatalogue	https://b2b.harting.com/21038611814

Identification

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

Version

Termination method	Crimp termination
Gender	Male
Shielding	Shielded
Number of contacts	8
Coding	Y-coding
Locking type	Screw locking
Details	Please order crimp contacts separately.
Details	For Fast Ethernet applications only

Technical characteristics

Conductor cross-section	0.13 ... 0.82 mm ² 0.08 ... 0.25 mm ² Data
Conductor cross-section	AWG 26 ... AWG 18 AWG 28 ... AWG 23 Data
Rated current	6 A
Rated voltage	50 V
Rated impulse voltage	1.5 kV



Pushing Performance

Technical characteristics

Pollution degree	3
Rated current (data)	0.5 A
Overvoltage category	III
Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Tightening torque	0.6 Nm
Wrench size (knurled screw / knurled nut)	17
Ambient temperature	-40 ... +85 °C
Mating cycles	≥ 500
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition
Isolation group	I ($600 \leq \text{CTI}$)

Material properties

Material (insert)	Polyamide (PA)
Material (hood/housing)	Zinc die-cast
RoHS	compliant with exemption
RoHS exemptions	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
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead

Specifications and approvals

Specifications	IEC 61076-2-113
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Commercial data

Packaging size	1
Net weight	45 g
Country of origin	Romania
European customs tariff number	85366990



Pushing Performance

Commercial data

eCl@ss

27440102 Circular connector (for field assembly)

Mouser Electronics

Authorized Distributor

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