



Pushing Performance
Since 1945

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



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

Part number	21 03 861 1805
Specification	M12-SD-CC-CRIMP-8P-YCOD-M-STR-SHLD
HARTING eCatalogue	https://harting.com/21038611805

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
Number of data contacts	4
Number of power contacts	4
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]	AWG 26 ... AWG 18
	AWG 28 ... AWG 23 Data
Rated current	6 A



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Technical characteristics

Rated voltage	50 V
Rated impulse voltage	1.5 kV
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
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 ($600 \leq \text{CTI}$)

Material properties

Material (insert)	Polyamide (PA)
Material (hood/housing)	Zinc die-cast

Specifications and approvals

Specifications	IEC 61076-2-113
PROFINET	Yes

Commercial data

Packaging size	1
Net weight	0.008 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140227361
eCl@ss	27440116 Circular connector (for field assembly)
ETIM	EC002635
UNSPSC 24.0	39121413