

## 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	<a href="https://harting.com/21038611805">https://harting.com/21038611805</a>

### 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 <sup>2</sup> 0.08 ... 0.25 mm <sup>2</sup> 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	$\geq 500$
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
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
California Proposition 65 substances	Nickel

## Specifications and approvals

Specifications	IEC 61076-2-113
UL / CSA	UL 2238 CYJV2.E302521
PROFINET	Yes

## Commercial data

Packaging size	1
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## Commercial data

Net weight	53 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