

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

Page 1 / 2 | Creation date 2026-01-28 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.

HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany
 Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



Pushing Performance
Since 1945

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
UL / CSA	UL 2238 CYJV2.E302521
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