

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



Part number	21 03 861 1805
Specification	M12-SD-CC-CRIMP-8P-YCOD-M-STR- SHLD
HARTING eCatalogue	https://b2b.harting.com/21038611805

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

#### 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 mm² 0.08 0.25 mm² Data
Conductor cross-section	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 <sup>8</sup> Ω
Contact resistance	≤10 mΩ
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	l (600 ≤ CTI)
Material properties	
Material properties	Delvemide (DA)
Material (insert)	Polyamide (PA)
	Polyamide (PA) Zinc die-cast
Material (insert)	
Material (insert) Material (hood/housing)	
Material (insert) Material (hood/housing) Specifications and approvals	Zinc die-cast
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