Rated impulse voltage



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

		Part number	21 03 881 1814	
		Specification	M12-SD-CC-CRIMP-8P-XCOD-M-STR- CF	
		HARTING eCatalogue	https://b2b.harting.com/21038811814	
Identification				
Category	Connectors	Connectors		
Series	Circular con	Circular connectors M12		
Identification	Slim Design	Slim Design		
Element	Cable conne	Cable connector		
Specification	Straight	Straight		
Version				
Termination method	Crimp termir	Crimp termination		
Gender	Male	Male		
Shielding	Shielded Shield conne	Shielded Shield connection with crimp flange		
Number of contacts	8	8		
Coding	X-coding	X-coding		
Locking type	Screw lockir	Screw locking		
Details	Please order	Please order crimp contacts separately.		
Details	For Ethernel	For Ethernet applications up to 10 Gbit only		
Technical characteristics				
Conductor cross-section		0.13 0.33 mm²		
Conductor cross-section	AWG 26 A	AWG 26 AWG 22		
Wire outer diameter	≤1.4 mm	≤1.4 mm		
Rated current	0.5 A	0.5 A		
Rated voltage	48 V			

Page 1 / 2 | Creation date 2024-04-04 | 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

0.8 kV



Technical characteristics

eCl@ss

Pollution degree	3	
Transmission characteristics	Cat. 6 _A Class E _A up to 500 MHz	
Overvoltage category	III	
Data rate	10 Mbit/s 100 Mbit/s 1 Gbit/s 2.5 Gbit/s 5 Gbit/s 10 Gbit/s	
Insulation resistance	>10 ⁸ Ω	
Contact resistance	≤10 mΩ	
Tightening torque	0.6 Nm	
Wrench size (knurled screw / knurled nut)	15	
Limiting temperature	-40 +85 °C	
Mating cycles	≥500	
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition	
Isolation group	I (600 ≤ CTI)	
Material properties		
Material (insert)	Liquid crystal polymer (LCP)	
Material (hood/housing)	Zinc die-cast	
Specifications and approvals		
Specifications	IEC 61076-2-109	
Commercial data		
Packaging size	1	
Country of origin	Romania	
European customs tariff number	85366990	
GTIN	5713140226036	
ETIM	EC002635	

Page 2 / 2 | Creation date 2024-04-04 | 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

27440116 Circular connector (for field assembly)