

M12 PFT Crimp 8-pole X-coded female 0.3m



Part number	21 33 070 0853 003
Specification	M12 PFT Crimp 8-pole X-coded female 0.3m
HARTING eCatalogue	https://b2b.harting.com/21330700853003

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

Identification

Category	Connectors
Series	Circular connectors M12
Identification	PushPull
Element	Panel feed through
Specification	Pre-assembled on one side EtherRail cable (4x 2x AWG 24/7) for rear mounting
Version	
Cable length	0.3 m
Core structure	4x 2x AWG 24/7
Gender	Female
Shielding	Shielded
Number of contacts	8
Coding	X-coding
Locking type	Screw locking PushPull
Technical characteristics	

i ecnnical characteristics

Rated current	0.5 A
Rated voltage	50 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Transmission characteristics	Cat. 6 _A Class E _A up to 500 MHz

Page 1/3 | Creation date 2023-02-03 | 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



Technical characteristics

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	2 Nm Lock nut
Wrench size	18
Limiting temperature	-40 +85 °C
Mating cycles	≥100
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 (contacts)	Brass
Surface (contacts)	Au over Ni Mating side
Material (hood/housing)	Zinc die-cast
RoHS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol Lead
ECHA SCIP number	a37d5146-999a-4b9a-b795-2f24e0cbb884
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel Naphthalene

Page 2 / 3 | Creation date 2023-02-03 | 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



Specifications and approvals

Specifications	IEC 61076-2-109
Commercial data	
Packaging size	1
Net weight	67 g
Country of origin	Romania
European customs tariff number	85444290
GTIN	5713140227873
eCl@ss	27440103 Sensor-actuator connector chassis (sensor technology acc.)