Pushing Performance
Since 1945

M12 PFT Crimp 8-pole x-coded female 0.5m



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

Part number	21 33 080 0850 005
Specification	M12 PFT Crimp 8-pole x-coded female 0.5m
HARTING eCatalogue	https://b2b.harting.com/21330800850005

Identification

Category	Connectors
Series	Circular connectors M12
Identification	PushPull
Element	Panel feed through
Specification	Pre-assembled on one side Industrial Ethernet cable (4x 2x AWG 26/7) for rear mounting

Version

Cable length	0.5 m
Core structure	4x 2x AWG 26/7
Gender	Female
Shielding	Shielded
Number of contacts	8
Coding	X-coding
Locking type	Screw locking PushPull

Technical 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

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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	0d7d3693-d625-47ab-934a-d241bf72c86e
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead

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Specifications and approvals

Specifications	IEC 61076-2-109

Commercial data

Packaging size	1
Net weight	69.8 g
Country of origin	Germany
European customs tariff number	85444290
eCl@ss	27440103 Sensor-actuator connector chassis (sensor technology acc.)

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