



Pushing Performance  
Since 1945

# MPP-PFT-ix/ix-10p-F-P-A-cod

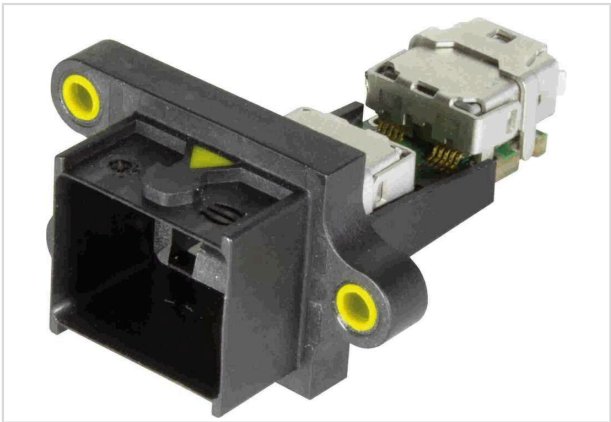


Image is for illustration purposes only. Please refer to product description.

Part number	09 51 221 0001
Specification	MPP-PFT-ix/ix-10p-F-P-A-cod
HARTING eCatalogue	<a href="https://harting.com/09512210001">https://harting.com/09512210001</a>

## Identification

Category	Connectors
Series	HARTING Mini PushPull
Identification	HARTING ix Industrial®
Element	Panel feed trough set
Type of hood/housing	Bulkhead mounted housing
Features	Suitable for all PoE versions

## Version

Shielding	Fully shielded, 360° shielding contact
Number of contacts	8
further contacts	+ 2x GND
Coding	Type A
Locking type	PushPull
Pack contents	incl. seal, 2x HARTING ix Industrial®-jack type A (Ethernet) and board drillings for M2.5

## Technical characteristics

Rated current	1.5 A
Rated current	3 A per contact when used with 4 contacts (1,2,6,7)
Rated voltage	50 V AC 60 V DC
Transmission characteristics	Cat. 6A Class E <sub>A</sub> up to 500 MHz



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## Technical characteristics

Data rate	10 Mbit/s
	100 Mbit/s
	1 Gbit/s
	2.5 Gbit/s
	5 Gbit/s
	10 Gbit/s
Insulation resistance	>100 MΩ
Limiting temperature	-40 ... +70 °C
Storage temperature	-60 ... +85 °C
Relative humidity	95 % Non-condensing (operation)
	95 % Non-condensing (storage/transport)
Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP65 / IP67
Test voltage $U_{r.m.s.}$	0.5 kV (contact-contact)
	0.5 kV (contact-shielding)
Vibration resistance	10-500 Hz, 5 g, 0.35 mm, 2h/axis
	5.72 m/s <sup>2</sup> acc. to IEC 61373 Category 1 Class B
Shock resistance	50 g / 11 ms, 3 shocks / axis and direction
	5 g / 30 ms, 5 shocks / axis and direction acc. to IEC 61373 Category 1 Class B

## Material properties

Material (insert)	Liquid crystal polymer (LCP)
Colour (insert)	Black
Material (contacts)	Copper alloy
Material (hood/housing)	Polybutylene terephthalate (PBT)
Colour (hood/housing)	Black
Material (seal)	PTS
Colour (seal)	Yellow
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel



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Material properties

Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R26

Specifications and approvals

Specifications	IEC 61076-3-124 Type A EN 50173-1
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079

Commercial data

Packaging size	1
Net weight	6 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140223424
eCl@ss	27440114 Rectangular connector (for field assembly)
ETIM	EC002636
UNSPSC 24.0	39121408