

MPP-PFT-ix/ix-10p-F-P-B-cod

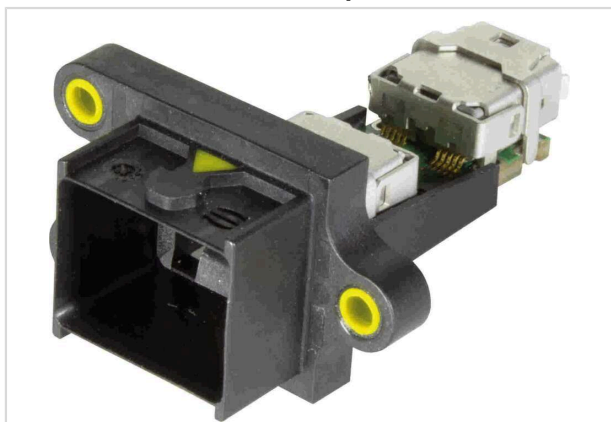


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Part number	09 51 221 0002
Specification	MPP-PFT-ix/ix-10p-F-P-B-cod
HARTING eCatalogue	https://b2b.harting.com/09512210002

Identification

Category	Connectors
Series	HARTING Mini PushPull
Identification	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	10
Coding	Type B
Locking type	PushPull
Pack contents	incl. seal, 2x HARTING ix Industrial®-jack type B (Signal) 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
Insulation resistance	>100 MΩ
Contact resistance	≤30 mΩ
Shielding resistance	≤100 mΩ
Limiting temperature	-40 ... +70 °C

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Technical characteristics

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 ² 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
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 B
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Specifications and approvals

UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
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Commercial data

Packaging size	1
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140223431
ETIM	EC002636
eCl@ss	27440114 Rectangular connector (for field assembly)