

MPP-PFT-ix-10p-SOL-P-a-cod



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

Part number	97 00 000 1940
Specification	MPP-PFT-ix-10p-SOL-P-a-cod
HARTING eCatalogue	https://harting.com/97000001940

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

Termination method	Solder termination
Shielding	Fully shielded, 360° shielding contact
Number of contacts	8
further contacts	+ 2x GND
Coding	Type A
Locking type	PushPull
Pack contents	Flange gasket HARTING ix Industrial® In-line jack Female type A (Ethernet) Board drillings for M2.5

Technical characteristics

Conductor cross-section (AWG)	AWG 28/7 ... AWG 22/7
Wire outer diameter	≤1.55 mm
Rated current	1.5 A
Rated current	3 A per contact when used with 4 contacts (1,2,6,7)



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Technical characteristics

Rated voltage	50 V AC
	60 V DC
Transmission characteristics	Cat. 6 _A Class E _A up to 500 MHz
Data rate	10 Mbit/s
	100 Mbit/s
	1 Gbit/s
	2.5 Gbit/s
	5 Gbit/s
	10 Gbit/s
Insulation resistance	>500 MΩ
Contact resistance	≤30 mΩ
Shielding 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
Cable diameter	6.3 ... 7.2 mm
Test voltage U _{r.m.s.}	0.5 kV (contact-contact)
	0.5 kV (contact-shielding)

Material properties

Material (insert)	Polyamide (PA)
Colour (insert)	Black
Material (shielding)	Stainless steel
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



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Material properties

REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Not contained

Specifications and approvals

Specifications	IEC 61076-3-124 Type A EN 50173-1
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Commercial data

Packaging size	1
Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27440114 Rectangular connector (for field assembly)