

## HPP V4 / V14 Signal PFT insert 10-pole



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

Part number	09 45 545 9010
Specification	HPP V4 / V14 Signal PFT insert 10-pole
HARTING eCatalogue	<a href="https://b2b.harting.com/09455459010">https://b2b.harting.com/09455459010</a>

### Identification

Category	Connectors
Series	HARTING PushPull (V4)
Identification	Signal
Element	Inserts
Specification	for panel feed through HIFF

### Version

Termination method	Crimp termination
Shielding	Fully shielded, 360° shielding contact
Number of contacts	10
Pack contents	incl. male insert

### Technical characteristics

Conductor cross-section	0.13 ... 0.82 mm <sup>2</sup>
Conductor cross-section	AWG 26 ... AWG 18
Wire outer diameter	≤2.1 mm
Contact spacing (termination side)	2.4 mm 3 mm
Contact spacing (mating side)	2.4 mm 3 mm
Rated current	5 A
Rated voltage	50 V
Rated impulse voltage	1.5 kV
Pollution degree	3



Pushing Performance

## Technical characteristics

Clearance distance	≥1.4 mm
Creepage distance	≥1.4 mm
Insulation resistance	>10 <sup>9</sup> Ω
Contact resistance	≤10 mΩ
Limiting temperature	-40 ... +85 °C
Insertion force	50 N
Withdrawal force	50 N
Mating cycles	≥500
Test voltage U <sub>r.m.s.</sub>	1.5 kV (contact-contact) 1.5 kV (contact-ground)
Isolation group	I (600 ≤ CTI)

## Material properties

Material (contacts)	Copper alloy
Surface (contacts)	Sn over Ni Termination side Au over Pd/Ni over Ni Mating side
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

## Specifications and approvals

Specifications	IEC 61076-3-106 Variant 4 (V4)
Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
PROFINET	Yes

## Commercial data

Packaging size	1
Net weight	20.2 g
Country of origin	Germany
European customs tariff number	85366990



Pushing Performance

## Commercial data

eCl@ss

27440205 Contact insert for industrial connectors