

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	https://harting.com/09455459010

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 ²
Conductor cross-section [AWG]	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
Since 1945

Technical characteristics

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

Material properties

Material (contacts)	Copper alloy
Surface (contacts)	Noble metal over Ni Mating side
	Noble metal over Ni Termination side
Material flammability class acc. to UL 94	HB
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

Specifications and approvals

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

Commercial data

Packaging size	1
----------------	---



Pushing Performance
Since 1945

Commercial data

Net weight	17 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140061453
eCl@ss	27440205 Contact insert for industrial connectors
ETIM	EC000438
UNSPSC 24.0	39121522