Product data sheet
09 45 545 9010
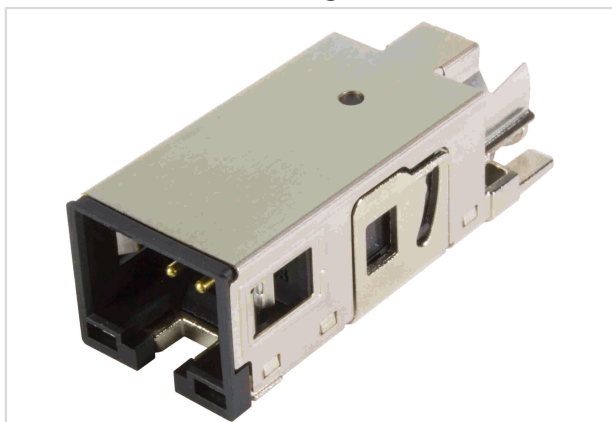HPP V4 / V14 Signal PFT insert 10-pole

HARTING®

Pushing Performance

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://b2b.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 mm²
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

Page 1 / 3 | Creation date 2021-10-01 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.
HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany
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09 45 545 9010
HPP V4 / V14 Signal PFT insert 10-pole

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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
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel Lead

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

Page 2 / 3 | Creation date 2021-10-01 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.
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Commercial data

Net weight	20.2 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440205 Contact insert for industrial connectors

Page 3 / 3 | Creation date 2021-10-01 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.
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