



Pushing Performance
Since 1945

HPP 20p. Device Side Cable Assembly 1m



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

Part number	33 22 143 1000 002
Specification	HPP 20p. Device Side Cable Assembly 1m
HARTING eCatalogue	https://harting.com/33221431000002

Identification

Category	System cabling
Series	HARTING PushPull (V4)
Element	Cable assemblies
Specification	Pre-assembled on one side
Connector 1	HARTING PushPull (V4) Thermoplastic Compact
Type of cable	Copper cable (round)

Version

Cable length	1 m
Number of cores	20
Core structure	20x AWG 26

Technical characteristics

Contact spacing (termination side)	1.9 mm 2 mm
Contact spacing (mating side)	1.9 mm 2 mm
Rated current	2 A
Rated voltage	50 V
Clearance distance	≥1.2 mm
Creepage distance	≥1.9 mm
Insulation resistance	>10 ⁸ Ω
Contact resistance	≤20 mΩ



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Technical characteristics

Limiting temperature	-40 ... +80 °C
Insertion force	50 N
Withdrawal force	50 N
Mating cycles	≥100
Test voltage $U_{r.m.s.}$	2 kV (contact-contact)
	2 kV (contact-ground)
Isolation group	I ($600 \leq CTI$)
Vibration resistance	10-500 Hz, 5 g, 0.35 mm, 10 sweep cycles acc. to IEC 61373 Category 1 Class B
Shock resistance	50 g / 11 ms, 3 shocks / axis and direction

Material properties

Material (insert)	Polyamide (PA)
Colour (insert)	Black
Material (contacts)	Copper alloy
Surface (contacts)	Silver plated Termination side
	Silver plated Mating side
Material (cable)	PUR (polyurethane)
Colour (cable)	Black
Material flammability class acc. to UL 94	V-0

Commercial data

Packaging size	10
Net weight	23 g
Country of origin	China
European customs tariff number	85389099
GTIN	5713140367159
eCl@ss	27060390 Ready-made data cable (unspecified)
ETIM	EC002599
UNSPSC 24.0	26121600