Product data sheet
09 45 145 1000
HPP mini Displayport cable; PP-PP; 0,5m

HARTING®

Pushing Performance
Since 1945

HPP mini Displayport cable; PP-PP; 0,5m

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

Part number	09 45 145 1000
Specification	HPP mini Displayport cable; PP-PP; 0,5m
HARTING eCatalogue	https://b2b.harting.com/09451451000

Identification

Category	System cabling
Series	HARTING PushPull (V4)
Element	Cable assemblies
Specification	Pre-assembled on both sides
Connector 1	Mini DisplayPort
Connector 2	Mini DisplayPort
Type of cable	Copper cable (round)

Version

Cable length	0.5 m
Number of cores	20
Core structure	20x AWG 32
Shielding	Shielded

Technical characteristics

Rated current	0.5 A
Rated voltage	30 V
Transmission characteristics	DisplayPort 1.2 standard
Data rate	1.62 Gbit/s 2.7 Gbit/s 5.4 Gbit/s
Insulation resistance	$>10^7 \ \Omega$
Contact resistance	≤30 mΩ
Limiting temperature	-40 ... +80 °C

Page 1 / 3 | Creation date 2023-12-02 | 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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Technical characteristics

Insertion force	≤50 N
Withdrawal force	≥15 N
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP20 IP65 / IP67 mated condition
Cable diameter	5 mm
Minimum bending radius	10x Cable diameter
Test voltage $U_{r.m.s.}$	0.5 kV (contact-contact) 0.5 kV (contact-ground)
Impedance	100 Ω ±10 %
Vibration resistance	10-2000 Hz, 15 g, 1.5 mm, sweep time: 20 min acc. to IEC 61373 Category 1 Class B 5.35 Gs RMS, 15 min/axes, 7.9 m/s² (random vibration)
Shock resistance	25 g / 11 ms, 3 shocks / axis and direction 5 g / 30 ms, 3 shocks / axis and direction

Material properties

Material (contacts)	Copper alloy
Surface (contacts)	Sn over Ni Termination side Au over Ni Mating side
Material (cable)	TPE
Colour (cable)	Black
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	Naphthalene

Specifications and approvals

Specifications	IEC 61076-3-106 Variant 4 (V4)

Commercial data

Packaging size	1

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Commercial data

Net weight	56.33 g
Country of origin	Malaysia
European customs tariff number	85444290
GTIN	5713140246317
ETIM	EC002599
eCl@ss	27060390 Ready-made data cable (unspecified)

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