

## PPV4 2.0 Signal 20p d.e. 20x0,14qmm 1,0m

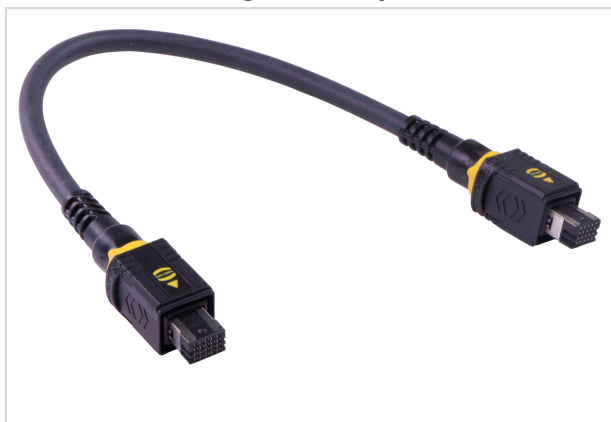


Image is for illustration purposes only. Please refer to product description.

Part number	09 48 353 5848 010
Specification	PPV4 2.0 Signal 20p d.e. 20x0,14qmm 1,0m
HARTING eCatalogue	<a href="https://b2b.harting.com/09483535848010">https://b2b.harting.com/09483535848010</a>

### Identification

Category	System cabling
Series	HARTING PushPull (V4)
Element	Cable assemblies
Specification	Pre-assembled on both sides
Connector 1	HARTING PushPull (V4) Signal 20 poles
Connector 2	HARTING PushPull (V4) Signal 20 poles
Type of cable	Copper cable (round)
Description of the cable	Wiring 1:1

### Version

Cable length	1 m
Shielding	Shielded
Number of cores	20
Core structure	20x AWG 26/7

### 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



Pushing Performance

## Technical characteristics

Clearance distance	≥1.2 mm
Creepage distance	≥1.9 mm
Insulation resistance	>10 <sup>8</sup> Ω
Contact resistance	≤20 mΩ
Limiting temperature	-40 ... +80 °C
Insertion force	50 N
Withdrawal force	50 N
Mating cycles	≥100
Test voltage U <sub>r.m.s.</sub>	2 kV (contact-contact) 2 kV (contact-ground)
Isolation group	I (600 ≤ 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
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 Naphthalene

## Specifications and approvals

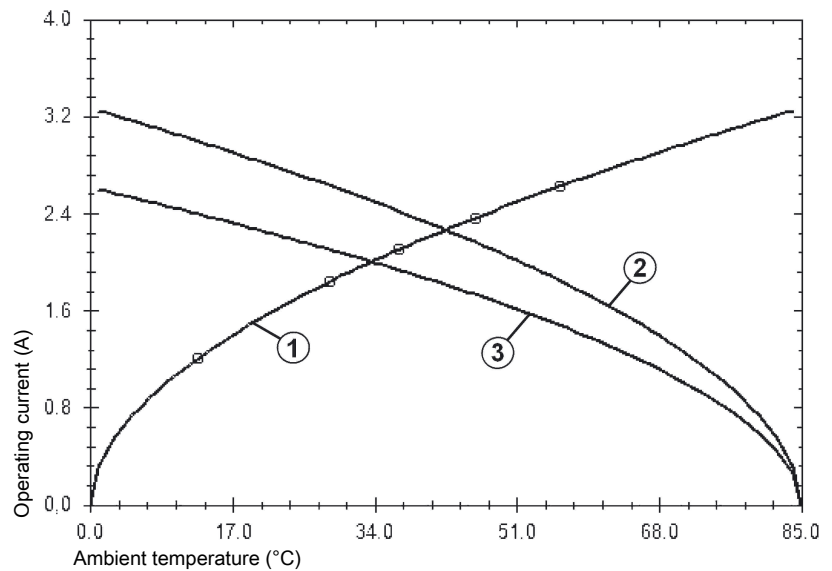
Specifications	IEC 61076-3-106 Variant 4 (V4)
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## Commercial data

Packaging size	1
Net weight	1 g
Country of origin	Czechia
European customs tariff number	85444290
eCl@ss	27060390 Ready-made data cable (unspecified)

## Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature. Measuring and testing techniques acc. to IEC 60512-5-2



- ① Heating
  - ② Derating curve
  - ③ Derating curve 80%
- Conductor cross-section 0.2 mm<sup>2</sup>

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