

## PPV4 2.0 Signal 20p d.e. 20x0,14qmm 0,5m



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

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Part number        | 09 48 353 5848 005                                                                  |
| Specification      | PPV4 2.0 Signal 20p d.e. 20x0,14qmm 0,5m                                            |
| HARTING eCatalogue | <a href="https://harting.com/09483535848005">https://harting.com/09483535848005</a> |

### Identification

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

### Version

|                 |              |
|-----------------|--------------|
| Cable length    | 0.5 m        |
| Number of cores | 20           |
| Core structure  | 20x AWG 26/7 |
| Shielding       | Shielded     |

### Technical characteristics

|                                    |                |
|------------------------------------|----------------|
| Contact spacing (termination side) | 1.9 mm<br>2 mm |
| Contact spacing (mating side)      | 1.9 mm<br>2 mm |
| Rated current                      | 2 A            |
| Rated voltage                      | 50 V           |



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## 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)<br>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<br>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               | Not contained                                               |
| REACH ANNEX XIV substances                | Not contained                                               |
| REACH SVHC substances                     | Not contained                                               |
| California Proposition 65 substances      | Yes                                                         |
| California Proposition 65 substances      | Lead<br>Nickel                                              |



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Specifications and approvals

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

Commercial data

|                                |                                              |
|--------------------------------|----------------------------------------------|
| Packaging size                 | 1                                            |
| Net weight                     | 1 g                                          |
| Country of origin              | Latvia                                       |
| European customs tariff number | 85444290                                     |
| GTIN                           | 5713140246201                                |
| eCl@ss                         | 27060390 Ready-made data cable (unspecified) |
| ETIM                           | EC002599                                     |
| UNSPSC 24.0                    | 26121600                                     |