

# PPV4 2.0 Signal 20p d.e. 20x0,14qmm 1,5m



| Part number        | 09 48 353 5848 015                          |
|--------------------|---|
| Specification      | PPV4 2.0 Signal 20p d.e. 20x0,14qmm<br>1,5m |
| HARTING eCatalogue | https://harting.com/09483535848015          |

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

#### 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    | 1.5 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           |

Page 1 / 3 | Creation date 2025-06-10 | 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

| 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                                | е  |
| 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   |

Page 2 / 3 | Creation date 2025-06-10 | 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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# Specifications and approvals

UNSPSC 24.0

| Specifications                 | IEC 61076-3-106 Variant 4 (V4)               |
|--------------------------------|--|
| Commoraid data                 |  |
| Commercial data                |  |
| Packaging size                 | 1  |
| Net weight                     | 1 g  |
| Country of origin              | Latvia                                       |
| European customs tariff number | 85444290                                     |
| GTIN                           | 5713140246225                                |
| eCl@ss                         | 27060390 Ready-made data cable (unspecified) |
| ETIM                           | EC002599                                     |

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