

PPV4 2.0 Signal 20p d.e. 20x0,14qmm 2,0m



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

| | |
|--------------------|---|
| Part number | 09 48 353 5848 020 |
| Specification | PPV4 2.0 Signal 20p d.e. 20x0,14qmm 2,0m |
| HARTING eCatalogue | https://b2b.harting.com/09483535848020 |

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 | 2 m |
| Number of cores | 20 |
| Core structure | 20x AWG 26/7 |
| Shielding | Shielded |

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 |



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Technical characteristics

| | |
|----------------------------------|---|
| Clearance distance | ≥1.2 mm |
| Creepage distance | ≥1.9 mm |
| Insulation resistance | >10 ⁸ Ω |
| Contact resistance | ≤20 mΩ |
| 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 ≤ 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

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|---|---|
| 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 | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Not contained |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead Nickel Naphthalene |



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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 | Czechia |
| European customs tariff number | 85444290 |
| GTIN | 5713140246232 |
| eCl@ss | 27060390 Ready-made data cable (unspecified) |