

## Han PP V14 SIGNAL THT 10-POLE ANGLED



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

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 09 35 002 6001                                                                        |
| Specification      | Han PP V14 SIGNAL THT 10-POLE ANGLED                                                  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09350026001">https://b2b.harting.com/09350026001</a> |

### Identification

|                |                             |
|----------------|-----------------------------|
| Category       | Connectors                  |
| Series         | Han® PushPull (V14)         |
| Identification | Signal                      |
| Element        | Female                      |
| Specification  | Angled                      |
| Features       | Intuitive locking mechanism |

### Version

|                    |                                        |
|--------------------|----------------------------------------|
| Termination method | Solder termination                     |
| Shielding          | Fully shielded, 360° shielding contact |
| Number of contacts | 10                                     |

### Technical characteristics

|                                    |         |
|------------------------------------|---------|
| Contact spacing (termination side) | 2.4 mm  |
|                                    | 3 mm    |
| Contact spacing (mating side)      | 2.4 mm  |
|                                    | 3 mm    |
| Rated current                      | 5 A     |
| Rated voltage                      | 50 V    |
| Rated impulse voltage              | 1.5 kV  |
| Pollution degree                   | 3       |
| Clearance distance                 | ≥1.4 mm |
| Creepage distance                  | ≥1.4 mm |



**Pushing Performance**  
Since 1945

## Technical characteristics

|                                |                                                                               |
|--------------------------------|-------------------------------------------------------------------------------|
| Insulation resistance          | $>10^9 \Omega$                                                                |
| Contact resistance             | $\leq 10 \text{ m}\Omega$                                                     |
| Limiting temperature           | $-40 \dots +85 \text{ }^\circ\text{C}$                                        |
| Insertion and withdrawal force | 50 N                                                                          |
| Mating cycles                  | $\geq 500$                                                                    |
| Test voltage $U_{r.m.s.}$      | 1.5 kV (contact-contact)<br>1.5 kV (contact-ground)                           |
| Isolation group                | I ( $600 \leq \text{CTI}$ )                                                   |
| 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, 10 shocks / axis and direction                                  |

## Material properties

|                                           |                                                                |
|-------------------------------------------|----------------------------------------------------------------|
| Material (insert)                         | Polyamide (PA)                                                 |
| Colour (insert)                           | Black                                                          |
| Material (contacts)                       | Copper alloy                                                   |
| Surface (contacts)                        | Noble metal over Ni Mating side<br>Sn over Ni Termination side |
| Material flammability class acc. to UL 94 | V-0                                                            |
| RoHS                                      | compliant with exemption                                       |
| RoHS exemptions                           | 6(c): Copper alloy containing up to 4 % lead by weight         |
| ELV status                                | compliant with exemption                                       |
| China RoHS                                | 50                                                             |
| REACH Annex XVII substances               | Not contained                                                  |
| REACH ANNEX XIV substances                | Not contained                                                  |
| REACH SVHC substances                     | Yes                                                            |
| REACH SVHC substances                     | Lead                                                           |
| California Proposition 65 substances      | Yes                                                            |
| California Proposition 65 substances      | Lead<br>Nickel                                                 |

## Specifications and approvals

|                |                                                            |
|----------------|------------------------------------------------------------|
| Specifications | IEC 61076-3-117 Variant 14 (V14)                           |
| Approvals      | DNV GL                                                     |
| UL / CSA       | UL 1977 ECBT2.E102079<br>CSA-C22.2 No. 182.3 ECBT8.E102079 |



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Specifications and approvals

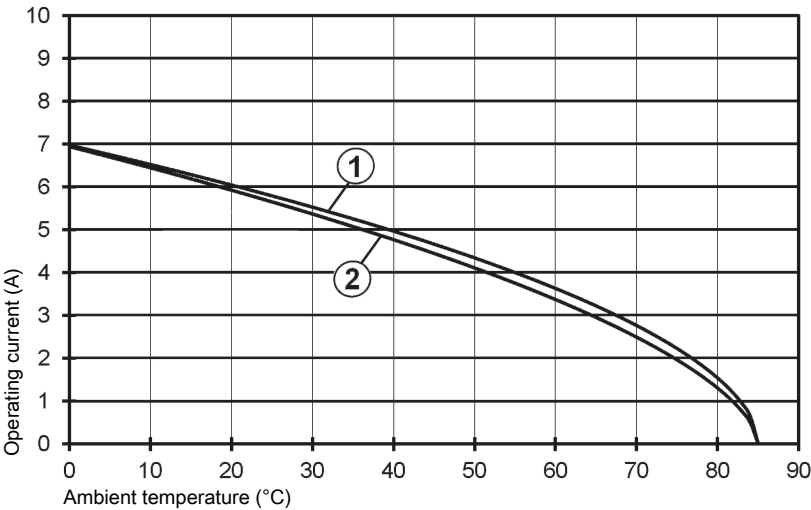
|          |     |
|----------|-----|
| PROFINET | Yes |
|----------|-----|

Commercial data

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Packaging size                 | 40                                                |
| Net weight                     | 6.12 g                                            |
| Country of origin              | China                                             |
| European customs tariff number | 85366990                                          |
| GTIN                           | 5713140053816                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |

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

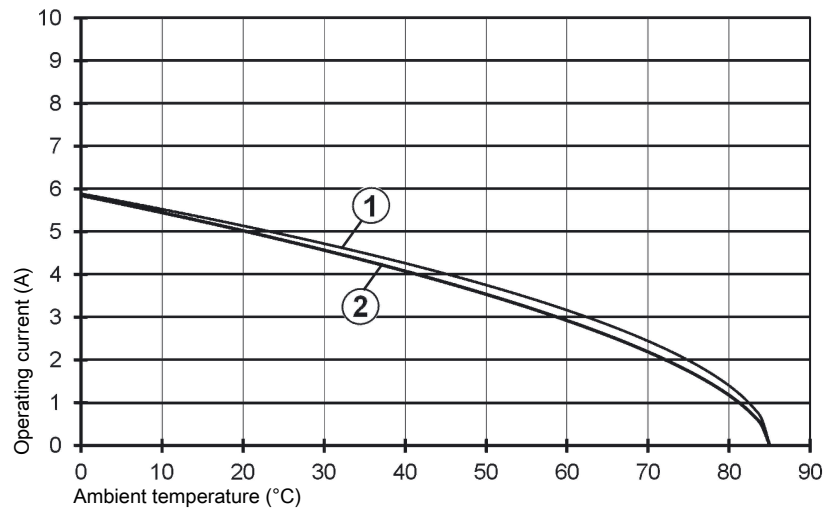


① Straight  
② Angled  
Conductor cross-section 0.75 mm²

### 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 Straight  
② Angled  
Conductor cross-section 0.5 mm<sup>2</sup>

### Tray

