

## Han PP V14 SIGNAL THT 10-POLE ANGLED



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>
Features	Intuitive locking mechanism

### Identification

Category	Connectors
Series	Han® PushPull (V14)
Identification	Signal
Element	Female
Specification	Angled

### 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
Insulation resistance	>10 <sup>9</sup> Ω
Contact resistance	≤10 mΩ



Pushing Performance

## Technical characteristics

Limiting temperature	-40 ... +85 °C
Insertion and withdrawal force	50 N
Mating cycles	≥500
Test voltage $U_{r.m.s.}$	1.5 kV (contact-contact) 1.5 kV (contact-ground)
Isolation group	I ( $600 \leq CTI$ )
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)	Sn over Ni Termination side Au over Pd/Ni over Ni Mating 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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead

## Specifications and approvals

Specifications	IEC 61076-3-117 Variant 14 (V14)
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
PROFINET	Yes

## Commercial data

Packaging size	40
Net weight	6.12 g
Country of origin	China

## Commercial data

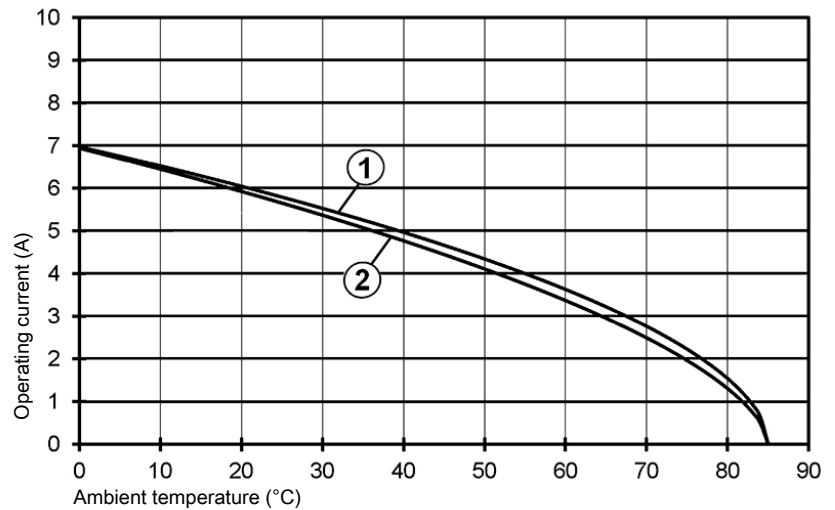
European customs tariff number 85366990

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

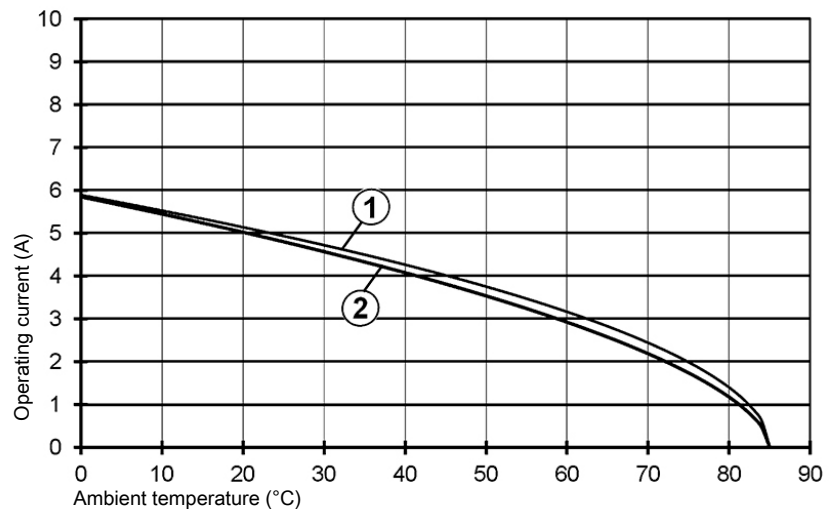
② Angled

Conductor cross-section 0.75 mm²

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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 mm²



Pushing Performance

Tray

