

## Han PP Signal 10-pole plug set, metal



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

|                    |   |
|--------------------|---|
| Part number        | 09 35 261 0401  |
| Specification      | Han PP Signal 10-pole plug set, metal   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09352610401">https://b2b.harting.com/09352610401</a> |

### Identification

|                |                                 |
|----------------|---------------------------------|
| Category       | Connectors                      |
| Series         | Han <sup>®</sup> PushPull (V14) |
| Identification | Signal                          |
| Element        | Connector sets                  |
| Specification  | AIDA compliant                  |
| Features       | Intuitive locking mechanism     |

### Version

|                    |   |
|--------------------|---|
| Termination method | Crimp termination   |
| Shielding          | Fully shielded, 360° shielding contact  |
| Number of contacts | 10  |
| Locking type       | PushPull  |
| Details            | When installing a PROFINET system, observe the PROFINET installation guideline. |
| Pack contents      | incl. metal housing and female insert   |

### Technical characteristics

|                                    |                               |
|------------------------------------|-------------------------------|
| Conductor cross-section            | 0.13 ... 0.82 mm <sup>2</sup> |
| Conductor cross-section            | AWG 26 ... AWG 18             |
| Wire outer diameter                | ≤2.1 mm                       |
| Contact spacing (termination side) | 2.4 mm<br>3 mm                |
| Contact spacing (mating side)      | 2.4 mm<br>3 mm                |



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## Technical characteristics

|  |   |
|--|---|
| Rated current                          | 5 A   |
| Rated voltage                          | 50 V  |
| Rated impulse voltage                  | 1.5 kV  |
| Pollution degree                       | 3   |
| Clearance distance                     | ≥1.1 mm   |
| Creepage distance                      | ≥1.1 mm   |
| Insulation resistance                  | >10 <sup>9</sup> Ω  |
| Contact resistance                     | ≤10 mΩ  |
| Limiting temperature                   | -40 ... +85 °C  |
| Insertion force                        | 50 N  |
| Withdrawal force                       | 50 N  |
| Mating cycles                          | ≥500  |
| Degree of protection acc. to IEC 60529 | IP65<br>IP67  |
| Cable diameter                         | 4 ... 11 mm   |
| Test voltage U <sub>r.m.s.</sub>       | 1.5 kV (contact-contact)<br>1.5 kV (contact-ground)                           |
| 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 (hood/housing)                   | Zinc die-cast  |
| Surface (hood/housing)                    | Nickel plated  |
| Material (O-ring)                         | NBR  |
| Material (cable seal)                     | TPE  |
| 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                     | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol<br>Lead   |



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## Material properties

|                                      |                |
|--------------------------------------|----------------|
| California Proposition 65 substances | Yes            |
| California Proposition 65 substances | Lead<br>Nickel |

## Specifications and approvals

|                |   |
|----------------|---|
| Specifications | IEC 61076-3-117 Variant 14 (V14)<br>IEC 61076-3-119 Mating face<br>EN 45545-2 |
| Approvals      | DNV GL  |
| UL / CSA       | UL 1977 ECBT2.E102079<br>CSA-C22.2 No. 182.3 ECBT8.E102079                    |
| PROFINET       | Yes   |

## Commercial data

|                                |   |
|--------------------------------|---|
| Packaging size                 | 10  |
| Net weight                     | 90 g  |
| Country of origin              | Romania   |
| European customs tariff number | 85366990  |
| GTIN                           | 5713140054462                                       |
| eCl@ss                         | 27440114 Rectangular connector (for field assembly) |