

## Han PP Power L plug metal fix coding



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

|                    |   |
|--------------------|---|
| Part number        | 09 35 431 0401  |
| Specification      | Han PP Power L plug metal fix coding  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09354310401">https://b2b.harting.com/09354310401</a> |

### Identification

|                |   |
|----------------|---|
| Category       | Connectors  |
| Series         | Han <sup>®</sup> PushPull (V14)                             |
| Identification | Power L   |
| Element        | Connector sets  |
| Specification  | AIDA compliant<br>With fixed coding<br>Finger safe          |
| Features       | Intuitive locking mechanism<br>field assembly without tools |

### Version

|                    |                          |
|--------------------|--------------------------|
| Termination method | Spring clamp termination |
| Shielding          | Unshielded               |
| Number of contacts | 5                        |
| Locking type       | PushPull                 |

### Technical characteristics

|                         |                              |
|-------------------------|------------------------------|
| Conductor cross-section | 0.75 ... 2.5 mm <sup>2</sup> |
| Conductor cross-section | AWG 18 ... AWG 13            |
| Rated current           | 16 A                         |
| Rated voltage           | 24 V                         |
| Rated impulse voltage   | 4 kV                         |
| Pollution degree        | 3                            |



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## Technical characteristics

|  |  |
|--|--|
| Stripping length                       | 10 mm Conductors<br>44 mm cable jacket |
| Tightening torque                      | 3 Nm                                   |
| Limiting temperature                   | -40 ... +70 °C                         |
| Mating cycles                          | ≥500                                   |
| Degree of protection acc. to IEC 60529 | IP65<br>IP67                           |
| Cable diameter                         | 9 ... 13 mm                            |

## Material properties

|   |   |
|---|---|
| Material (contacts)                       | Copper alloy  |
| Surface (contacts)                        | Au over Ni Mating side<br>Sn over Ni Termination side |
| Material (hood/housing)                   | Metal   |
| Material (O-ring)                         | NBR   |
| Material (internal seal)                  | NBR   |
| Material (cable seal)                     | NBR   |
| 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   |

## 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  |
|                | UL 1059 XCFR2.E314677              |
|                | CSA-C22.2 No. 158-10 XCFR8.E314677 |
| Approvals      | DNV GL                             |
| PROFINET       | Yes                                |

## Commercial data

|                |   |
|----------------|---|
| Packaging size | 1 |
|----------------|---|



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## Commercial data

|                                |   |
|--------------------------------|---|
| Net weight                     | 96.2 g  |
| Country of origin              | Germany   |
| European customs tariff number | 85366990  |
| GTIN                           | 5713140054523                                       |
| eCl@ss                         | 27440114 Rectangular connector (for field assembly) |