

## Han 4Brid-F-c+2LWL-M-POF-crimp.-Halt (K)



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

|                    |   |
|--------------------|---|
| Part number        | 09 12 004 3113  |
| Specification      | Han 4Brid-F-c+2LWL-M-POF-crimp.-Halt (K)                                      |
| HARTING eCatalogue | <a href="https://harting.com/09120043113">https://harting.com/09120043113</a> |

### Identification

|                |                            |
|----------------|----------------------------|
| Category       | Inserts                    |
| Series         | Han-Brid®                  |
| Identification | Han-Brid® FO               |
| Specification  | Hybrid field bus connector |

### Version

|                    |  |
|--------------------|--|
| Gender             | Female                                       |
| Size               | 3 A  |
| Number of contacts | 2  |
| further contacts   | + 4 electrical contacts 10 A + option for PE |
| Details            | Cable side<br>Unloaded<br>for POF crimpless  |

### Technical characteristics

|                       |                   |
|-----------------------|-------------------|
| Rated current         | 10 A              |
| Rated voltage         | 50 V              |
| Rated impulse voltage | 0.8 kV            |
| Pollution degree      | 3                 |
| Insulation resistance | $>10^{10} \Omega$ |
| Limiting temperature  | -40 ... +70 °C    |
| Mating cycles         | $\geq 500$        |



Pushing Performance  
Since 1945

## Material properties

|   |                                     |
|---|-------------------------------------|
| Material (insert)                         | Polycarbonate (PC)                  |
| Colour (insert)                           | RAL 7032 (pebble grey)              |
| 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<br>Nickel                      |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08) + A1 (2023-10) |
| Requirement set with Hazard Levels        | R22 (HL 1-3)<br>R23 (HL 1-3)        |

## Specifications and approvals

|                |  |
|----------------|--|
| Specifications | IEC 61984  |
| UL / CSA       | UL 1977 ECBT2.E235076<br>CSA-C22.2 No. 182.3 ECBT8.E235076 |
| Approvals      | DNV GL   |

## Commercial data

|                                |   |
|--------------------------------|---|
| Packaging size                 | 10  |
| Net weight                     | 6.72 g  |
| Country of origin              | Romania   |
| European customs tariff number | 85366990  |
| GTIN                           | 5713140017184                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |
| ETIM                           | EC000438  |
| UNSPSC 24.0                    | 39121522  |