



Pushing Performance  
Since 1945

# Han 16HPR-HSM1-SL-M32



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 19 40 016 0912                                                                |
| Specification      | Han 16HPR-HSM1-SL-M32                                                         |
| HARTING eCatalogue | <a href="https://harting.com/19400160912">https://harting.com/19400160912</a> |

## Identification

|                             |                         |
|-----------------------------|-------------------------|
| Category                    | Hoods / Housings        |
| Series of hoods/housings    | Han® HPR                |
| Type of hood/housing        | Surface mounted housing |
| Description of hood/housing | Horizontal version      |

## Version

|                         |                                               |
|-------------------------|-----------------------------------------------|
| Size                    | 16 B                                          |
| Version                 | Top entry                                     |
| Number of cable entries | 1                                             |
| Cable entry             | 1x M32                                        |
| Locking type            | Screw locking                                 |
| Field of application    | Hoods/housings for harsh outdoor environments |

## Technical characteristics

|                                        |                                                |
|----------------------------------------|------------------------------------------------|
| Tightening torque (screw locking)      | 4 Nm                                           |
| Limiting temperature                   | -40 ... +125 °C                                |
| Note on the limiting temperature       | For use as a connector according to IEC 61984. |
| Degree of protection acc. to IEC 60529 | IP65                                           |
|                                        | IP68                                           |
|                                        | IP69 / IPX9K acc. to ISO 20653                 |
| Type rating acc. to UL 50 / UL 50E     | 4                                              |
|                                        | 4X                                             |
|                                        | 12                                             |



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## Material properties

|                                      |                                           |
|--------------------------------------|-------------------------------------------|
| Material (hood/housing)              | Aluminium die-cast<br>Corrosion resistant |
| Surface (hood/housing)               | Powder-coated                             |
| Colour (hood/housing)                | RAL 9005 (jet black)                      |
| Material (seal)                      | NBR                                       |
| Material (locking)                   | Stainless steel                           |
| 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 | Nickel<br>Naphthalene                     |
| Fire protection on railway vehicles  | EN 45545-2 (2020-08) + A1 (2023-10)       |
| Requirement set with Hazard Levels   | R1 (HL 1-3)<br>R7 (HL 1-3)                |

## Specifications and approvals

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

## Commercial data

|                                |                                          |
|--------------------------------|------------------------------------------|
| Packaging size                 | 1                                        |
| Net weight                     | 1,000 g                                  |
| Country of origin              | Germany                                  |
| European customs tariff number | 85389099                                 |
| GTIN                           | 5713140129849                            |
| eCl@ss                         | 27440202 Shell for industrial connectors |
| ETIM                           | EC000437                                 |
| UNSPSC 24.0                    | 39121466                                 |