



Pushing Performance  
Since 1945

# Han 24HPR-HSM angled-3xM25/1xM20-SL



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

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 19 40 024 0971                                                                        |
| Specification      | Han 24HPR-HSM angled-3xM25/1xM20-SL                                                   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/19400240971">https://b2b.harting.com/19400240971</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                 | 24 B                                          |
| Version              | Top entry                                     |
| Cable entry          | 3x M25<br>1x M20                              |
| 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<br>IP68<br>IP69 / IPX9K acc. to ISO 20653 |
| Type rating acc. to UL 50 / UL 50E     | 4<br>4X<br>12                                  |



**Pushing Performance**  
Since 1945

## 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)                      |
| 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                     | 1,240 g                                  |
| Country of origin              | Germany                                  |
| European customs tariff number | 85389099                                 |
| GTIN                           | 5713140130272                            |
| ETIM                           | EC000437                                 |
| eCl@ss                         | 27440202 Shell for industrial connectors |