

# Han 24HPR-enlarged-HSM angled-4xM25



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 19 40 024 0978                                                                |
| Specification      | Han 24HPR-enlarged-HSM angled-4xM25                                           |
| HARTING eCatalogue | <a href="https://harting.com/19400240978">https://harting.com/19400240978</a> |

## Identification

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

## Version

|                         |                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Size                    | 24 HPR enlarged                                                                                                                                |
| Version                 | Top entry                                                                                                                                      |
| Number of cable entries | 4                                                                                                                                              |
| Cable entry             | 4x M25                                                                                                                                         |
| Field of application    | Hoods/housings for harsh outdoor environments                                                                                                  |
| Details                 | Bulkhead mounted housing 09 40 024 0368 not included, please order separately                                                                  |
| Details                 | When using Han <sup>®</sup> Standard inserts of size B or Han-Modular <sup>®</sup> hinged frames, please order adapter 09400009961 separately. |

## Technical characteristics

|                                        |                                                |
|----------------------------------------|------------------------------------------------|
| 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                                  |



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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)                      |
| 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                                       |
| 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                     | 1,005 g                                  |
| Country of origin              | Germany                                  |
| European customs tariff number | 85389099                                 |
| GTIN                           | 5713140130289                            |
| ETIM                           | EC000437                                 |
| eCl@ss                         | 27440202 Shell for industrial connectors |