



Pushing Performance  
Since 1945

# Han 3HPR angled housing M20, RoHs conf.



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 19 40 703 0950                                                                |
| Specification      | Han 3HPR angled housing M20, RoHs conf.                                       |
| HARTING eCatalogue | <a href="https://harting.com/19407030950">https://harting.com/19407030950</a> |

## Identification

|                             |                                                                |
|-----------------------------|----------------------------------------------------------------|
| Category                    | Hoods / Housings                                               |
| Series of hoods/housings    | Han <sup>®</sup> HPR                                           |
| Type of hood/housing        | Surface mounted housing                                        |
| Description of hood/housing | Angled<br>Bottom closed<br>Feed through hole for fixing screws |

## Version

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Size                    | 3 A                                                                                                                                                                                                                                                                                                                                                                                                            |
| Version                 | Top entry                                                                                                                                                                                                                                                                                                                                                                                                      |
| Number of cable entries | 1                                                                                                                                                                                                                                                                                                                                                                                                              |
| Cable entry             | 1x M20                                                                                                                                                                                                                                                                                                                                                                                                         |
| Locking type            | Screw locking                                                                                                                                                                                                                                                                                                                                                                                                  |
| Field of application    | Hoods/housings for harsh outdoor environments                                                                                                                                                                                                                                                                                                                                                                  |
| Details                 | By using the inserts of Han <sup>®</sup> Q and Han A <sup>®</sup> series, the sealing on the insert has to be removed. The sealing screw of the insert must be replaced by the sealing screw of the hood/housing.<br>By using the angled housings with through holes in the mounting flanges, it has to be ensured by the customer that the fixing screws appropriately sealed from the inside of the housing. |
| Pack contents           | With seal screw                                                                                                                                                                                                                                                                                                                                                                                                |

## Technical characteristics

|                                   |                               |
|-----------------------------------|-------------------------------|
| Tightening torque                 | 0.5 Nm M3 insert fixing screw |
| Tightening torque (screw locking) | 2 Nm                          |
| Limiting temperature              | -40 ... +125 °C               |



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## Technical characteristics

Note on the limiting temperature For use as a connector according to IEC 61984.

|                                        |                                |
|----------------------------------------|--------------------------------|
| Degree of protection acc. to IEC 60529 | IP66                           |
|                                        | IP68                           |
|                                        | IP69 / IPX9K acc. to ISO 20653 |
| Type rating acc. to UL 50 / UL 50E     | 4                              |
|                                        | 4X                             |
|                                        | 12                             |

## Material properties

|                                      |                      |
|--------------------------------------|----------------------|
| Material (hood/housing)              | Zinc die-cast        |
| Surface (hood/housing)               | Powder-coated        |
| Colour (hood/housing)                | RAL 9005 (jet black) |
| Material (seal)                      | NBR                  |
| 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                 |
|                                      | Nickel               |
| Fire protection on railway vehicles  | EN 45545-2 (2020-08) |
| Requirement set with Hazard Levels   | R1 (HL 1-3)          |
|                                      | R7 (HL 1-3)          |

## Specifications and approvals

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

## Commercial data

|                                |          |
|--------------------------------|----------|
| Packaging size                 | 1        |
| Net weight                     | 53.333 g |
| Country of origin              | Germany  |
| European customs tariff number | 85389099 |



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Commercial data

|             |                                          |
|-------------|------------------------------------------|
| GTIN        | 5713140130487                            |
| eCl@ss      | 27440202 Shell for industrial connectors |
| ETIM        | EC000437                                 |
| UNSPSC 24.0 | 39121466                                 |