

## Han 22HPR-HTE-S-4xM20



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 19 40 022 0470                                                                |
| Specification      | Han 22HPR-HTE-S-4xM20                                                         |
| HARTING eCatalogue | <a href="https://harting.com/19400220470">https://harting.com/19400220470</a> |

### Identification

|                          |                  |
|--------------------------|------------------|
| Category                 | Hoods / Housings |
| Series of hoods/housings | Han® HPR slim    |
| Type of hood/housing     | Hood             |

### Version

|                         |                                       |
|-------------------------|---------------------------------------|
| Size                    | 22 HPR                                |
| Version                 | Top entry                             |
| Number of cable entries | 4                                     |
| Cable entry             | 4x M20                                |
| Locking type            | Screw locking                         |
| Field of application    | Hoods/housings for harsh environments |

### Technical characteristics

|                                        |                                                |
|----------------------------------------|------------------------------------------------|
| Tightening torque                      | 10 Nm Fixing screws                            |
|                                        | 15 Nm PE screw                                 |
| 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 | IP66                                           |
|                                        | IP68                                           |
|                                        | IP69 / IPX9K acc. to ISO 20653                 |

### Material properties

|                         |                    |
|-------------------------|--------------------|
| Material (hood/housing) | Aluminium die-cast |
|-------------------------|--------------------|



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## Material properties

|                                      |                                                                                                            |
|--------------------------------------|------------------------------------------------------------------------------------------------------------|
| Surface (hood/housing)               | Powder-coated                                                                                              |
| Colour (hood/housing)                | RAL 9005 (jet black)                                                                                       |
| Material (locking)                   | Stainless steel                                                                                            |
| RoHS                                 | compliant with exemption                                                                                   |
| RoHS exemptions                      | 6(a)-I: Lead as an alloying element in steel for machining purposes containing up to 0,35 % lead by weight |
| ELV status                           | compliant with exemption                                                                                   |
| China RoHS                           | 50                                                                                                         |
| REACH Annex XVII substances          | Not contained                                                                                              |
| REACH ANNEX XIV substances           | Not contained                                                                                              |
| REACH SVHC substances                | Yes                                                                                                        |
| REACH SVHC substances                | Lead                                                                                                       |
| 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   | R1 (HL 1-3)<br>R7 (HL 1-3)                                                                                 |

## Specifications and approvals

|                |                          |
|----------------|--------------------------|
| Specifications | IEC 61984<br>IEC 60664-1 |
|----------------|--------------------------|

## Commercial data

|                                |                                          |
|--------------------------------|------------------------------------------|
| Packaging size                 | 1                                        |
| Net weight                     | 900.5 g                                  |
| Country of origin              | China                                    |
| European customs tariff number | 85389099                                 |
| GTIN                           | 5713140175501                            |
| eCl@ss                         | 27440202 Shell for industrial connectors |
| ETIM                           | EC000437                                 |
| UNSPSC 24.0                    | 39121466                                 |