

## Han-Eco 10A-HSM1-M20 w. cover/cable gl.



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 19 46 110 0252                                                                |
| Specification      | Han-Eco 10A-HSM1-M20 w. cover/cable gl.                                       |
| HARTING eCatalogue | <a href="https://harting.com/19461100252">https://harting.com/19461100252</a> |

### Identification

|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| Category                    | Hoods / Housings                                         |
| Series of hoods/housings    | Han-Eco® A                                               |
| Type of hood/housing        | Surface mounted housing                                  |
| Description of hood/housing | With thermo-plastic cover<br>With integrated cable gland |

### Version

|                         |                                            |
|-------------------------|--------------------------------------------|
| Size                    | 10 A                                       |
| Version                 | Side entry                                 |
| Number of cable entries | 1                                          |
| Cable entry             | 1x M20                                     |
| Locking type            | Single locking lever                       |
| Field of application    | Hoods/housings for industrial applications |

### Technical characteristics

|                                        |                                                |
|----------------------------------------|------------------------------------------------|
| Limiting temperature                   | -40 ... +125 °C                                |
| Note on the limiting temperature       | For use as a connector according to IEC 61984. |
| Number of relockings                   | ≥500                                           |
| Degree of protection acc. to IEC 60529 | IP65                                           |
| Clamping range                         | 6 ... 13 mm                                    |

### Material properties

|                         |                                          |
|-------------------------|------------------------------------------|
| Material (hood/housing) | Polyamide (PA)<br>Fibre-glass reinforced |
|-------------------------|------------------------------------------|



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## Material properties

|                                                            |                                                        |
|------------------------------------------------------------|--------------------------------------------------------|
| Colour (hood/housing)                                      | RAL 9005 (jet black)                                   |
| Material (seal)                                            | NBR                                                    |
| Colour (seal)                                              | RAL 9005 (jet black)                                   |
| Material (locking)                                         | Polyamide (PA)<br>Fibre-glass reinforced               |
| Colour (locking)                                           | RAL 9005 (jet black)                                   |
| Material flammability class acc. to UL 94                  | V-0                                                    |
| Material flammability class acc. to UL 94 (locking levers) | V-0                                                    |
| RoHS                                                       | compliant with exemption                               |
| RoHS exemptions                                            | 6(c): Copper alloy containing up to 4 % 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                         | R22 (HL 1-2)<br>R23 (HL 1-3)                           |

## Specifications and approvals

|                |                                                             |
|----------------|-------------------------------------------------------------|
| Specifications | IEC 61984<br>EN 45545-2 Fire protection on railway vehicles |
| Approvals      | CE                                                          |

## Commercial data

|                                |                                          |
|--------------------------------|------------------------------------------|
| Packaging size                 | 1                                        |
| Net weight                     | 120 g                                    |
| Country of origin              | Germany                                  |
| European customs tariff number | 85389099                                 |
| GTIN                           | 5713140176065                            |
| eCl@ss                         | 27440202 Shell for industrial connectors |



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Commercial data

|             |          |
|-------------|----------|
| ETIM        | EC000437 |
| UNSPSC 24.0 | 39121466 |