

## Han Ex Q12 Kit HBM/HTE-M20



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 10 36 012 0001                                                                |
| Specification      | Han Ex Q12 Kit HBM/HTE-M20                                                    |
| HARTING eCatalogue | <a href="https://harting.com/10360120001">https://harting.com/10360120001</a> |

### Identification

|                          |                |
|--------------------------|----------------|
| Category                 | Connector sets |
| Series                   | Han® Q         |
| Series of hoods/housings | Han® Ex        |
| Element                  | Complete set   |

### Version

|                         |                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Termination method      | Crimp termination                                                                                                                                                                  |
| Size                    | 3 A                                                                                                                                                                                |
| Number of contacts      | 12                                                                                                                                                                                 |
| PE contact              | Yes                                                                                                                                                                                |
| Version                 | Top entry                                                                                                                                                                          |
| Number of cable entries | 1                                                                                                                                                                                  |
| Cable entry             | 1x M20                                                                                                                                                                             |
| Locking type            | Single locking lever                                                                                                                                                               |
| Field of application    | Connectors for explosion hazardous environments                                                                                                                                    |
| Details                 | Simple Apparatus for intrinsically safe circuits<br>The electrical ratings are according to the ratings $U_i$ and $I_i$ in EN 60079-11.<br>Please order crimp contacts separately. |

### Technical characteristics

|                       |                   |
|-----------------------|-------------------|
| Rated current         | 5 A               |
| Peak voltage          | 90 Vp             |
| Insulation resistance | $>10^{10} \Omega$ |



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## Technical characteristics

|                                        |                                   |
|----------------------------------------|-----------------------------------|
| Limiting temperature                   | -20 ... +85 °C                    |
| Ambient temperature                    | -20 ... +40 °C Up to +70 °C in T4 |
| Mating cycles                          | ≥500                              |
| Degree of protection acc. to IEC 60529 | IP65<br>IP67                      |

## Material properties

|                                           |                                                        |
|-------------------------------------------|--------------------------------------------------------|
| Material (insert)                         | Polycarbonate (PC)                                     |
| Material (hood/housing)                   | Zinc die-cast                                          |
| Surface (hood/housing)                    | Powder-coated                                          |
| Colour (hood/housing)                     | RAL 5015 (sky blue)                                    |
| Material (seal)                           | NBR                                                    |
| Material (locking)                        | Stainless steel                                        |
| Material flammability class acc. to UL 94 | 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                                         |

## Specifications and approvals

|                |                                                                                                                          |
|----------------|--------------------------------------------------------------------------------------------------------------------------|
| Specifications | IEC 60664-1<br>IEC 61984<br>IEC 60079-0 Ex ia IIC T6 Ga<br>IEC 60079-11 Simple Apparatus for intrinsically safe circuits |
|----------------|--------------------------------------------------------------------------------------------------------------------------|

## Commercial data

|                   |         |
|-------------------|---------|
| Packaging size    | 1       |
| Net weight        | 86.5 g  |
| Country of origin | Germany |



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## Commercial data

|                                |                                       |
|--------------------------------|---------------------------------------|
| European customs tariff number | 85366990                              |
| GTIN                           | 5713140108813                         |
| eCl@ss                         | 27440113 Rectangular connectors (set) |
| ETIM                           | EC002636                              |
| UNSPSC 24.0                    | 39121408                              |