

## HDC 10A TOLU 1M20G

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)



The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

The cleverly designed interlock system is manufactured from stainless steel. This guarantees a long lifespan with high resistance to corrosion and impact.

The housing interlock system provides integrated safety. Our unique, patented spring system provides the housing interlock with a secure grip and prevents accidental opening.

The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned.

Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

### General ordering data

|            |   |
|------------|---|
| Version    | HDC enclosures, Installation size: 2, Protection degree: IP65, in plugged condition, Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 20 |
| Order No.  | <a href="#">1788620000</a>  |
| Type       | HDC 10A TOLU 1M20G  |
| GTIN (EAN) | 4032248206162   |
| Qty.       | 1 items   |

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**Technical data**

**Approvals**

Approvals



|                         |                            |
|-------------------------|----------------------------|
| ROHS                    | Conform                    |
| UL File Number Search   | <a href="#">UL Website</a> |
| Certificate No. (cURus) | E92202                     |

**Dimensions and weights**

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 72.5 mm | Depth (inches)  | 2.8543 inch |
| Height     | 54 mm   | Height (inches) | 2.126 inch  |
| Width      | 32.5 mm | Width (inches)  | 1.2795 inch |
| Net weight | 103 g   |                 |             |

**Temperatures**

|                   |                   |
|-------------------|-------------------|
| Limit temperature | -40 °C ... 125 °C |
|-------------------|-------------------|

**Environmental Product Compliance**

|                        |                             |                         |
|------------------------|-----------------------------|-------------------------|
| RoHS Compliance Status | Compliant without exemption |                         |
| REACH SVHC             | No SVHC above 0.1 wt%       |                         |
| Chemical resistance    | Substance                   | Acetone                 |
|                        | Chemical resistance         | Conditionally resistant |
|                        | Substance                   | Drilling oil            |
|                        | Chemical resistance         | Resistant               |
|                        | Substance                   | Diesel                  |
|                        | Chemical resistance         | Resistant               |
|                        | Substance                   | Ethyl alcohol           |
|                        | Chemical resistance         | Resistant               |
|                        | Substance                   | Transmission oil        |
|                        | Chemical resistance         | Resistant               |
|                        | Substance                   | Hydraulic oil           |
|                        | Chemical resistance         | Resistant               |
|                        | Substance                   | Coolant                 |
|                        | Chemical resistance         | Resistant               |
|                        | Substance                   | Petroleum benzine       |
|                        | Chemical resistance         | Resistant               |
|                        | Substance                   | Sweat                   |
|                        | Chemical resistance         | Resistant               |
|                        | Substance                   | Premium gasoline        |
|                        | Chemical resistance         | Conditionally resistant |
| Substance              | Water                       |                         |
| Chemical resistance    | Resistant                   |                         |
| Substance              | UV                          |                         |
| Chemical resistance    | Unstable                    |                         |
| Substance              | Ozone                       |                         |
| Chemical resistance    | Unstable                    |                         |

**Dimensions**

|                      |           |                     |         |
|----------------------|-----------|---------------------|---------|
| Cable entry          | w. thread | Width housing C     | 29.5 mm |
| Total length housing | 63 mm     | Height of housing B | 54 mm   |

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**Technical data**

**General data**

|                |                |                   |                            |
|----------------|----------------|-------------------|----------------------------|
| Surface finish | Powder coating | Protection degree | IP65, in plugged condition |
|----------------|----------------|-------------------|----------------------------|

**Version**

|                              |                                    |                                |                               |
|------------------------------|------------------------------------|--------------------------------|-------------------------------|
| Size of cable entries        | M 20                               | Top part/bottom part/lid       | upper part                    |
| Cover                        | without cover                      | Tightening torque              | 0.5 Nm                        |
| Number of cable entry on top | 1                                  | Number of cable entry sideways | 0                             |
| Design of housing            | Cable entry from top, Plug housing | Design of locking system       | End-locking clamp, lower side |
| Design                       | Standard                           | Installation size              | 2                             |
| Cable entry                  | w. thread                          | Type                           | Plug                          |
| Clamp version                | End-locking clamp                  | Sealing                        | NBR                           |
| Internal thread              | M 20                               | Colour (RAL)                   | RAL 7035                      |
| BG                           | 2                                  | Suitable for ModuPlug®         | No                            |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000437    | ETIM 9.0    | EC000437    |
| ETIM 10.0   | EC000437    | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 27-44-02-02 |             |             |

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**Drawings**

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## Accessories

## Cover



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## General ordering data

|            |                            |         |   |
|------------|----------------------------|---------|---|
| Type       | HDC 10A DODL 1LB           | Version |   |
| Order No.  | <a href="#">1665890000</a> |         | HDC enclosures, Installation size: 2, Protection degree: IP65, in |
| GTIN (EAN) | 4008190422929              |         | plugged condition, Cover for upper part of housing, End-locking   |
| Qty.       | 1 ST                       |         | clamp, lower side, Standard, Size of cable entries: none          |

## IP68 version



In addition to the extensive range of enclosures, Weidmüller offers a variety of cable glands for a wide range of applications.

The cable glands made of brass, plastic and stainless steel meet the most various IP protection classes to suit any industrial enclosure.

Depending on the series of cable glands and the application, the cable glands are approved and tested according to VDE, UL, UR, cULus, DNV GL or EN 45545.

## General ordering data

|            |                            |         |   |
|------------|----------------------------|---------|---|
| Type       | VG M20 - MS 68             | Version |   |
| Order No.  | <a href="#">1772220000</a> |         | VG MS (standard brass cable gland), Cable glands, straight, M 20, 8   |
| GTIN (EAN) | 4032248129874              |         | mm, OD min. 6 - OD max. 12 mm, IP54, IP66, IP67, IP68 - 5 bar (30     |
| Qty.       | 50 ST                      |         | min.), IP69K, Brass, nickel-plated                                    |
| Type       | VG M20 - K 68              | Version |   |
| Order No.  | <a href="#">2811470000</a> |         | VG K (standard plastic cable gland), Cable glands, straight, M 20, 10 |
| GTIN (EAN) | 4064675292227              |         | mm, OD min. 10 - OD max. 14 mm, IP54, IP66, IP67, IP68 - 5 bar (30    |
| Qty.       | 50 ST                      |         | min.), Polyamide 6  |