

## HDC 07A 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: 1, Protection degree: IP65, in plugged condition, Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 20
Order No.	<a href="#">1788520000</a>
Type	HDC 07A TOLU 1M20G
GTIN (EAN)	4032248206056
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	26.8 mm	Depth (inches)	1.0551 inch
Height	50 mm	Height (inches)	1.9685 inch
Width	36.5 mm	Width (inches)	1.437 inch
Net weight	13 g		

Temperatures

Limit temperature	-40 °C ... 125 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	2f94735a-9fba-4903-842f-4fb9aa902310

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 benzene
	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	26.8 mm
Total length housing	26.8 mm	Height of housing B	50 mm

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**Technical data**

**General data**

UL 94 flammability rating	V-0	Surface finish	untreated
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	Side-locking clamp on lower side
Design	Standard	Installation size	1
Cable entry	w. thread	Type	Plug
Clamp version	Side-locking clamp	Sealing	no sealing
Internal thread	M 20	Colour (RAL)	RAL 1001
BG	1	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 07A DODL 2B0	Version
Order No.	<a href="#">1665760000</a>	HDC enclosures, Installation size: 1, Protection degree: IP65, in plugged condition, Cover for lower part of housing, Side-locking clamp on lower side, Standard, Size of cable entries: none
GTIN (EAN)	4008190422783	
Qty.	1 ST	
Type	HDC 07A DMDL 2B0	Version
Order No.	<a href="#">1665770000</a>	HDC enclosures, Installation size: 1, Protection degree: IP65, in plugged condition, Cover for lower part of housing, Side-locking clamp on lower side, Standard, Size of cable entries: none
GTIN (EAN)	4008190422790	
Qty.	1 ST	

## IP67 version w/o approval



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-K67 10-14	Version
Order No.	<a href="#">1909700000</a>	VG K (standard plastic cable gland), Cable glands, straight, M 20, 10 mm, OD min. 10 - OD max. 14 mm, Polyamide 6
GTIN (EAN)	4032248536627	
Qty.	50 ST	

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## Accessories

## IP68 version



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## General ordering data

Type	VG M20-1/K68	Version
Order No.	<a href="#">1772300000</a>	VG K (standard plastic cable gland), Cable glands, straight, M 20, 10
GTIN (EAN)	4032248129966	mm, OD min. 6 - OD max. 12 mm, IP54, IP66, IP67, IP68 - 5 bar (30
Qty.	50 ST	min.), Polyamide 6

## IP67 version w/o approval



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## General ordering data

Type	VG M20-K67 6-12	Version
Order No.	<a href="#">1909690000</a>	VG K (standard plastic cable gland), Cable glands, straight, M 20, 10
GTIN (EAN)	4032248536610	mm, OD min. 6 - OD max. 12 mm, Polyamide 6
Qty.	50 ST	

## IP68 version with spiral antikink protection



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## General ordering data

Type	VG M20-K68 SKS 10-14	Version
Order No.	<a href="#">1776720000</a>	VG K SZS (standard plastic cable gland with anti-kink coils), Cable
GTIN (EAN)	4032248156146	glands, straight, M 20, 15 mm, OD min. 10 - OD max. 14 mm,
Qty.	25 ST	Polyamide 6

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## Accessories

Type	VG M20-K68 SKS 6-12	Version
Order No.	<a href="#">1778860000</a>	VG K SZS (standard plastic cable gland with anti-kink coils), Cable
GTIN (EAN)	4032248161874	glands, straight, M 20, 11 mm, OD min. 6 - OD max. 12 mm,
Qty.	50 ST	Polyamide 6

### IP68 version



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### General ordering data

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