

CH20M12 C TP 8089

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image



Superior efficiency, flexibility and design - the "standard tailor-made fit"

When selecting a housing design, flexibility is a key factor. Other important criteria are: scalability, customized design, innovative functionality and cost efficiency. You need a choice which offers the maximum performance with the minimum overhead.

The CH20M12 modular electronics housing is the "small" option amongst the "large" housing solutions for compact electronics applications.

The entire system is characterized by excellence: outstanding scalability and flexibility, a high security level, innovative application functionality and a variety of practical details.

- **Quicker installation** with features such as "Wire ready" the universal multi-tool screw head
- **User-friendly operations:** with clear and permanent labelling and extra marking possibilities, integrated release clip or transparent cover
- **Maximum interference immunity** with EMC-compliant construction featuring deeply overlapping module joint edges made from high-performance plastic
- **High operational reliability** with the unique Auto-Set coding system and featuring double-sided touch protection on the pin header and socket blocks

CH20M - a compact name for the most flexible system available on the market. It doesn't just stand for "Component Housing IP20 Modular".

CH20M also stands for efficiency and innovation throughout design, production and use.

General ordering data

Version	Modular housing, OMNIMATE Housing - series CH20M Transparent, Width: 12.5 mm
Order No.	1104250000
Type	CH20M12 C TP 8089
GTIN (EAN)	403224887858 1
Qty.	70 pc(s).
Information regarding whole assembly, see referenced articles	1104180000

CH20M12 C TP 8089

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	6 mm	Depth (inches)	0.236 inch
Height	86.3 mm	Height (inches)	3.398 inch
Width	12.5 mm	Width (inches)	0.492 inch
Net weight	2.414 g		

Temperatures

Operating temperature range	-40 °C...120 °C	Operating temperature, min.	-40 °C
Operating temperature, max.	120 °C	Humidity	5 - 93% rel. humidity, Tu = 40°C, no condensation

Component Properties

Marker integrateable	Yes	Safety lock	sealable
----------------------	-----	-------------	----------

Individualization options

Customer specific cutouts possible	No	Customer specific labelling possible	Yes
Customer specific order process	See guideline under downloads		

General data

Colour	Transparent	Colour chart (similar)	-
Encapsulation option	No	Protection degree	IP20 in installed state

Material data

Comparative Tracking Index (CTI)	≥ 225	Insulating material	PC
Insulating material group	IIIa	UL 94 flammability rating	V-0

Classifications

ETIM 6.0	EC001031	ETIM 7.0	EC001031
ETIM 8.0	EC001031	ECLASS 9.0	27-18-27-90
ECLASS 9.1	27-18-27-90	ECLASS 10.0	27-18-27-92
ECLASS 11.0	27-18-27-92	ECLASS 12.0	27-18-27-92

Approvals

ROHS	Conform
------	---------

Downloads

Engineering Data	CAD data – STEP
User Documentation	Guideline customerspecific housings Guideline kundenspezifische Gehäuse
Catalogues	Catalogues in PDF-format
Brochures	FL ANALO.SIGN.CONV. EN MB DEVICE MANUF. EN FL MACHINE SAFETY EN FL 72H SAMPLE SER EN PO OMNIMATE EN PO OMNIMATE EN

Creation date March 6, 2023 5:32:47 PM CET

Catalogue status 18.02.2023 / We reserve the right to make technical changes.

2

Data sheet

CH20M12 C TP 8089

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

Product image



Dimensioned drawing

