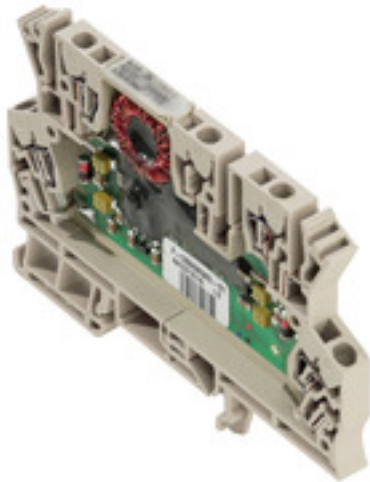


MCZ CCC 0-20MA/0-20MA

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

www.weidmueller.com

Product image



MCZ: The smallest solution

- The smallest analogue signal converter in terminal block format on the market
- Space-saving conversion of analogue signals in the control cabinet thanks to the slim, 6 mm wide module width
- Simple wiring with plug-in cross-connectors

General ordering data

Version	Passive isolator, Input : 0-20 mA, (loop powered), Output : 0-20 mA
Order No.	8411190000
Type	MCZ CCC 0-20MA/0-20MA
GTIN (EAN)	4008 190992736
Qty.	10 Stück

Erstellungs-Datum June 1, 2023 11:38:14 AM CEST

Katalogstand 26.05.2023 / Technische Änderungen vorbehalten

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Technische Daten

Dimensions and weights

Depth	63.2 mm	Depth (inches)	2.488 inch
Width	6 mm	Width (inches)	0.236 inch
Length	91 mm	Length (inches)	3.583 inch
Net weight	44.3 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-25 °C...60 °C
Operating temperature, min.	-25 °C	Operating temperature, max.	60 °C

Probability of failure

SIL in compliance with IEC 61508	None
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Input

Input current	0(4)...20 mA current loop	Number of inputs	1
Pick-up current	< 100 µA	Voltage drop	2.5...3 V at 20 mA

Output

Cut-off frequency (-3 dB)	100 Hz	Load impedance current	≤ 500 Ω
Number of outputs	1	Output current	0...20 mA

General data

Accuracy	< 0.1 % of end value	Configuration	none
Galvanic isolation	between input/output	Input/Output	0(4)...20 mA/0(4)...20 mA
Long-term drift	0	Rail	TS 35
Temperature coefficient	≤ 50 ppm/K of measured value at 0 Ω load resistance	Voltage supply	via the input measuring circuit

Insulation coordination

EMC standards	EN 61000-6	Galvanic isolation	between input/output
Pollution severity	2	Rated voltage	100 V
Surge voltage category	I	Test voltage	510 V AC

Connection data

Type of connection	Tension-clamp connection	Clamping range, rated connection	1.5 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	1.5 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 16
Wire cross-section, solid, min.	0.5 mm ²	Wire cross-section, solid, max.	1.5 mm ²
Wire cross-section, solid, min. (AWG)	AWG 26	Wire cross-section, solid, max. (AWG)	AWG 16
Wire connection cross section, finely stranded, min.	0.5 mm ²	Wire connection cross section, finely stranded, max.	1.5 mm ²
Wire cross-section, finely stranded, min. (AWG)	AWG 26	Wire cross-section, finely stranded, max. (AWG)	AWG 16
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.5 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm ²

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Technische Daten

Classifications

ETIM 6.0	EC002653	ETIM 7.0	EC002653
ETIM 8.0	EC002653	ECLASS 9.0	27-21-01-20
ECLASS 9.1	27-21-01-20	ECLASS 10.0	27-21-01-20
ECLASS 11.0	27-21-01-20	ECLASS 12.0	27-21-01-20

Tender specification sheets

Long specification	Short specification	Standard signal passive isolator, input-loop powered 1-channel signal passive isolator in 6 mm width with input current loop feed, for transmitting and isolating analogue DC current signals from 0/4 to 20 mA
Type CCC 0-20mA/0-20mA	MCZ	

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	35d83707-6a3b-45b5-b9f8-6ba8184c863e

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E141197

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	CAD data – STEP
Engineering Data	WSCAD, Zuken E3.S, EPLAN
User Documentation	Instruction sheet
Catalogues	Catalogues in PDF-format
Brochures	

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Zeichnungen

Connection diagram

