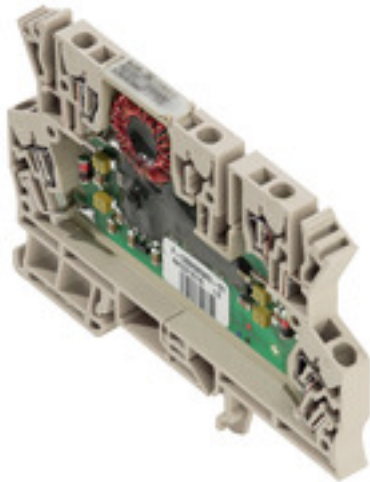


MCZ CCC 0-20MA/0-20MA**Weidmüller Interface GmbH & Co. KG**

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)	4008190992736
Qty.	10 pc(s).

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Technical data

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
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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	Long-term drift	0
Rail		Temperature coefficient	≤ 50 ppm/K of measured value at 0 Ω load resistance
	TS 35		
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	0.3 kV

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

Creation date June 2, 2024 8:54:42 PM CEST

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Technical data

Classifications

ETIM 6.0	EC002653	ETIM 7.0	EC002653
ETIM 8.0	EC002653	ETIM 9.0	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	ECLASS 13.0	27-21-01-20

Tender specification sheets

Long specification

Short specification

Type
CZ CCC
0-20mA/0-20mA

M-

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

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	Zuken E3.S
User Documentation	Instruction sheet
Catalogues	Catalogues in PDF-format
Brochures	

MCZ CCC 0-20MA/0-20MA

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Drawings

Connection diagram

