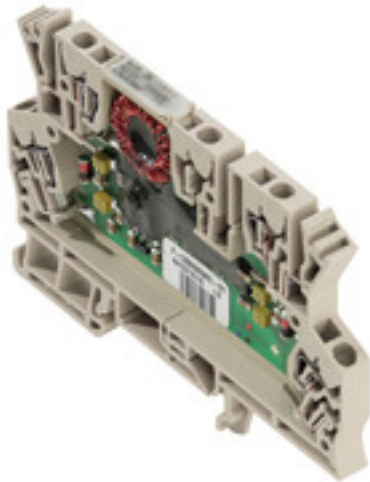


**MCZ CCC 0-20MA/0-20MA**

**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.	<a href="#">8411190000</a>
Type	MCZ CCC 0-20MA/0-20MA
GTIN (EAN)	4008 190992736
Qty.	10 pc(s).

Creation date December 30, 2021 7:54:05 PM CET

Catalogue status 17.12.2021 / We reserve the right to make technical changes.

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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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### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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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
Rail	TS 35	Temperature coefficient	≤ 50 ppm/K of measured value at 0 Ω load resistance
Type of connection	Tension-clamp connection	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 <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>	Clamping range, max.	1.5 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 16
Wire cross-section, solid, min.	0.5 mm <sup>2</sup>	Wire cross-section, solid, max.	1.5 mm <sup>2</sup>
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 <sup>2</sup>	Wire connection cross section, finely stranded, max.	1.5 mm <sup>2</sup>
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 <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm <sup>2</sup>
Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.5 mm <sup>2</sup>	Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm <sup>2</sup>

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### 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		

### 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

### Approvals

Approvals



ROHS	Conform
UL File Number Search	E141197

### Downloads

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

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**Drawings**

**Connection diagram**

