

C030-03 MCZ RTD CLP**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image, Similar to illustration**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	Temperature input range: 0...160 °C, Output : 4-20 mA
Order No.	8705990000
Type	C030-03 MCZ RTD CLP
GTIN (EAN)	4032248376582
Qty.	10 pc(s).

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Technical data**Dimensions and weights**

Depth	63.2 mm	Depth (inches)	2.488 inch
Net weight	29.4 g		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Number of inputs	1	Sensor	PT100 (3 wire)
Sensor supply	0.8 mA / 9...30 V DC	Temperature input range	0...160 °C

Output

Load impedance current	≤ 600 Ω	Number of outputs	1
Output current	4...20 mA (current loop) at 9...30V DC		

General data

Accuracy	± 0.2 % of measuring range	Configuration	none
Galvanic isolation	Without isolation, between input/output	Rail	TS 35
Step response time	10 ms	Type of connection	Tension-clamp connection
Voltage supply	24...30 V DC, Output loop powered		

Insulation coordination

Galvanic isolation	Without isolation, between input/output
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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

Classifications

ETIM 6.0	EC002919	ETIM 7.0	EC002919
ECLASS 9.0	27-21-01-29	ECLASS 9.1	27-21-01-29
ECLASS 10.0	27-21-01-29	ECLASS 11.0	27-21-01-29

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Technical data

Approvals

Approvals



ROHS

Conform

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Drawings

