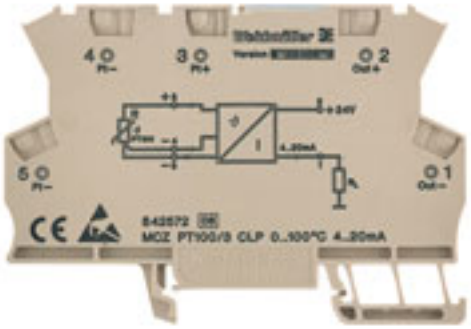
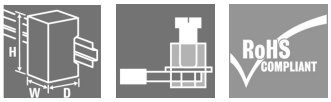
# C030-03 MCZ RTD CLP

**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 | 2-/3-wire connection technology, Output current loop powered, Tension-clamp connection, Output : 4-20 mA |
| Order No. | 8705990000 |
| Type | C030-03 MCZ RTD CLP |
| GTIN (EAN) | 4032248376582 |
| Qty. | 10 Stück |

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## Technische Daten

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 63.2 mm | Depth (inches) | 2.488 inch |
| Net weight | 29 g | | |

### Probability of failure

| | |
|---|---|
| SIL in compliance with IEC 61508 | None |

### 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 | Long-term drift | 0 |
| Rail | TS 35 | Step response time | 10 ms |
| Voltage supply | 24...30 V DC, Output loop powered | | |

### Insulation coordination

| | |
|---|---|
| Galvanic isolation | Without isolation |

### Connection data

| | | | |
|---|---|---|---|
| Type of connection | Tension-clamp connection | Clamping range, rated connection | 1.5 mm² |
| Clamping range, min. | 0.5 mm² | Clamping range, max. | 1.5 mm² |
| Wire connection cross section AWG, min. | AWG 26 | Wire connection cross section AWG, max. | AWG 16 |
| Wire cross-section, solid, min. | 0.5 mm² | Wire cross-section, solid, max. | 1.5 mm² |
| 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 mm² | Wire connection cross section, finely stranded, max. | 1.5 mm² |
| 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 mm² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 1.5 mm² |
| Conductor cross-section, flexible, AEH (DIN 46228-1), min. | 0.5 mm² | Conductor cross-section, flexible, AEH (DIN 46228-1), max. | 1.5 mm² |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 6.0 | EC002919 | ETIM 7.0 | EC002919 |
| ETIM 8.0 | 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 | ECLASS 12.0 | 27-21-01-29 |

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## Technische Daten

### Environmental Product Compliance

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

### Approvals

| | |
|---|---|
| Approvals | CE |
| ROHS | Conform |

### Downloads

| | |
|---|---|
| Catalogues | Catalogues in PDF-format |

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## Zeichnungen