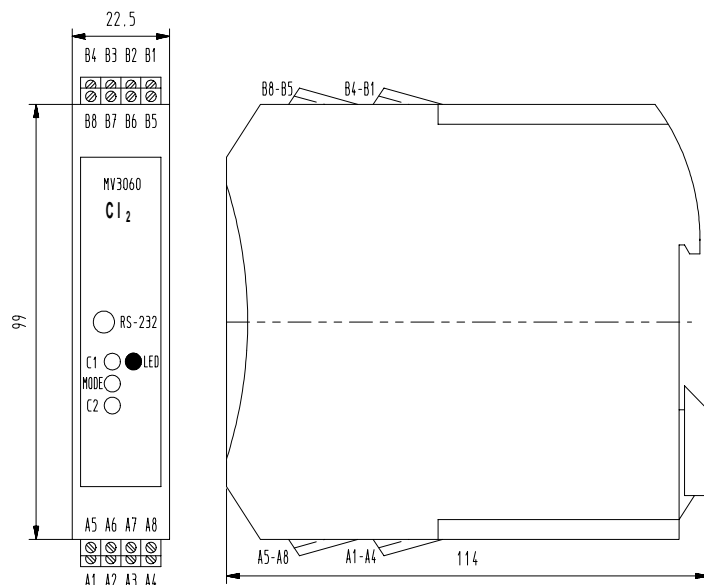


# CHLORINE TRANSMITTER MV 3060

08/05



Dimensions: mm

The Transmitter MV 3060 is suitable for direct connection of a electrode/sensor with 2-wire output 4...20 mA especially sensors for disinfectants like chlorine, chlorine dioxide or ozone. Optionally connection of a temperature sensor is possible.

The transmitter features user friendly calibration functions, easy installation and programming by means of a RS-232 interface, high functionality and a integrated limit relay output.

Input signal terminals:

A1	signal input +	A5	Pt 1000 (1)
A2	signal input -	A6	Pt 1000 (1)
A3	signal input +	A7	Pt 1000 (2)
A4		A8	Pt 1000 (2)

Power supply and output signal terminals:

B1	power supply AC/DC	B5	output 1 referred to GND
B2	power supply GND	B6	output 0 referred to GND
B3	power supply GND	B7	relay output clos. contact
B4	power supply AC/DC	B8	relay output clos. contact

## Specifications

### Measuring ranges

0 ... 5 mg/l (free adjustable); -10 ... 130 °C

### Configuration

via RS-232 interface in connection with a configuration software program

- Definition of measured parameter and range
- Scaling and determining of the analogue output signals

### Buttons functions

MODE: Change into calibration mode  
C1: increases calibration-value for 0.01 mg/l per button press  
C2: decreases calibration-value for 0.01 mg/l per button press

### Indication

multi-coloured LED (stable value signalisation)  
LED yellow: Calibration LED green: Measurement LED red: Calibration error

### Output signals

2 x 0(4) ... 20 mA or 0 ... 5 V, isolated; RS-232

### Relay output

closing contact max. 125 V AC, 60 V DC; 30 VA

### Power supply

15 ... 24 V AC/DC, about 1.5 VA

### Ambient temperature

0 ... 50 °C

### EMC

acc. EN 61326 class B

### Enclosure

plastic case for mounting on rail tracks DIN EN 50022-35, protection degree IP 40

### Electrodes / Sensors

sensors/electrodes with 2-wire output especially amperometric sensors for measurement of disinfectants (chlorine, chlorine dioxide, ozone); temperature sensor Pt 1000 (special version for Pt 100)

### Electrical connections

mountable screw-terminals for wires cross section 0.2...2.5 mm<sup>2</sup>; 3-pins socket for RS-232 cable connector; optional rail track bus-connector

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