



Dimensions: mm

The display unit AZ 3000 realises the following functions in connection with transmitters MV 30xx series:

- networking of up to 8 measuring transmitters and displaying of up to 8 measured values
- definition of 2 virtual channels (addition, subtraction, absolute subtraction, free chlorine)
- serial data output (RS 485) of the displayed values
- data logging system with real time clock of the displayed values
- 2 free configurable and scalable analogue outputs 0(4)...20 mA or 0...5 V DC
- 2 free configurable relay outputs (closing contacts)
- PC-based configuration by RS-232 and software program "DINModule"

Power supply and output signal terminals:

A1	Relay output 0 closing contact	B1	Power supply AC/DC	B5	output 1 referred to GND
A2	Relay output 0 closing contact	B2	Power supply GND	B6	output 0 referred to GND
A3	Relay output 1 closing contact	B3	Power supply GND	B7	RS-485 (-)
A4	Relay output 1 closing contact	B4	Power supply AC/DC	B8	RS-485 (+)

## Specifications

### Configuration

via RS-232 interface in connection with the accompanying software program

- selection of the displayed values
- scaling and selection of the analogue output signals
- parameterization and configuration of the virtual channels, the data logging system and the serial output

### Output signals

2 x 0(4) ... 20 mA or 0 ... 5 V, isolated; RS-485

### Relay output

2 relays (closing contact) max. 125 V AC, 60 V DC; 30 VA

### Data logging system

max. 2,500 data sets (64 Kbytes); adjustable interval time 1...999 minutes

### 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

### 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