



MV5000

MEINSBERG CONTROLLER



... flexible instruments for measurement and control in the field of industrial analytical applications.

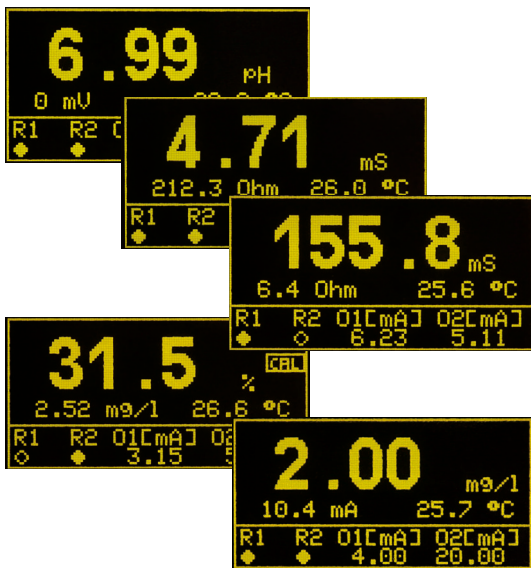
The controller series MV5000 is excellently suited for continuous measurements directly on site in the field of plant. Simple handling and useful functions characterize the controllers. Each MV5000 has a big OLED-display as well as a plain text menu structure. Additionally data transfer is possible via USB or modbus.

Applications

- Water treatment
- Water quality monitoring systems
- Process monitoring
- Process control

Features

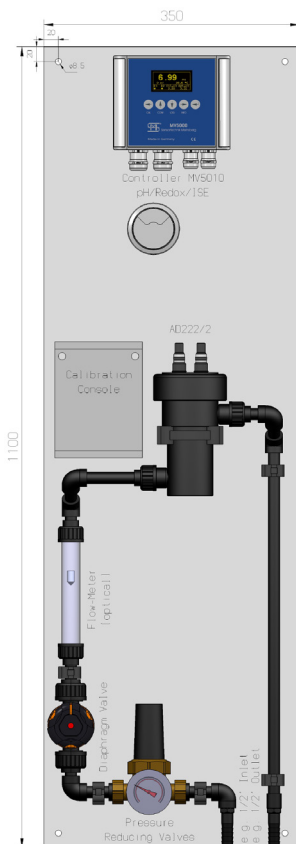
- cost-efficient measurement of process parameters
- simultaneous temperature measurement and compensation
- RS232, USB, Modbus
- 2 limit relays
- 1 PID controller
- easy operation by keys (plain text menu)
- Data logger with real time clock for 4000 data sets
- Firmware update via USB
- 1 fault relay



MV5000
MV5000CAN



MV5000FM
MV5000FR



pH value or redoxpotential or concentration (ISE)

MV5010	pH -2.00...16.00
MV5010FM	-2000...2000 mV
MV5010FR	-10.0...130.0 °C

Conductivity (2 electrode cells)

MV5020	0...200.0 µS/cm, 0...2000 µS/cm
MV5020FM	0...20.00 mS/cm, 0...100.0 mS/cm
MV5020FR	-10.0...130.0 °C
	Cell constant 0.1 cm ⁻¹ : 20.00 µS, 200.0 µS
	Cell constant 0.01 cm ⁻¹ : 2.000 µS, 20.00 µS

Conductivity (4 electrode cells)

MV5025	0...200.0 µS/cm, 0...2000 µS/cm
MV5025FM	0...20.00 mS/cm, 0...500.0 mS/cm
MV5025FR	calculated salinity 2...42 g/kg
	-10.0...130.0 °C
	Cell constant 0.1 cm ⁻¹ : 20.00 µS, 200.0 µS
	Cell constant 0.01 cm ⁻¹ : 2.000 µS, 20.00 µS

Dissolved oxygen

MV5030	0...200.0 %
MV5030FM	0...20.00 mg/l
MV5030FR	-10.0...130.0 °C

Chlorine

MV5060	Input 0(4)...20 mA
MV5060FM	free programmable slope / concentration
MV5060FR	-10.0...130.0 °C

Single parameter system ready to operate for drinking water

- Panel made of white PVC (hard foam core, 1100x350x13 mm) with mounting possibility
- Inlet and outlet with 1/2" hose connection
- Optical flow measuring
- Pressure reducer, dosing valve for flow regulation, flow through armature
- Single parameter controller with PID controller
- 2 current outputs, 3 relay outputs and, RS485 interface

Many Meinsberg Electrodes with appropriate configuration can be connected easily and directly to the controller

- plug head with separate connection cable
- fixed cable version

