

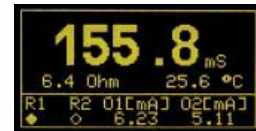
# Contika



**MV 5010**  
pH / ISE /  
Redox (ORP)



**MV 5020**  
Conductivity



**MV 5025**  
4-pol Conductivity



**MV 5030**  
Dissolved Oxygen



**MV 5060**  
Chlorine

# MV 5000

Meinsberg Controllers

# MV5000

## Controllers

The controller series MV 5000 is excellently suited for continuous measurements directly on site in the field of plant. Simple handling and useful functions characterize the controllers. Each MV50xx has a big OLED-display as well as a plain text menu structure. Additionally a software features also configuration, calibration as well as displaying and recording of measuring values directly on PC using USB interface.

### Applications

Water Treatment  
Water Quality Monitoring Systems  
Process Monitoring  
Process Control

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

### Features

cost-efficient measurement of process parameters  
easy operation (plain text menu)  
simultaneous temperature measurement  
2 free scaleable analogue outputs and 2 relay outputs  
USB interface and PC software  
firmware update via USB  
IP 65 protection (NEMA 4X)

## Specifications

### Measuring ranges

MV 5010 =  
pH -2 ... 16, -2000 ... 2000 mV  
MV 5020 = 0 ... 100 mS/cm  
MV 5025 = 0 ... 500 mS/cm  
MV 5030 = 0 ... 200 %, 0 ... 20 mg/l  
MV 5060 = 0 ... 2 (10) mg/l

### Temperature measurement/compensation

-10 ... 130 °C  
automatically with Pt 1000  
or fixed temperature

### Controller outputs

2 limit relays, two-way contact,  
max. 250 V AC/5 A  
PID-controller, bidirectional  
(pulse length or analogue output)

### Analogue outputs

2 x 0(4) ... 20 mA or 2 x 0 ... 5 V

### Interfaces

USB (optional RS-232)  
for configuration,  
calibration and data logger

### Display

graphic OLED 128 x 64 pixel  
plain text menu

### Datalogger

with real time clock for 4000 data sets  
reading out via USB interface  
graphic display

### Dimensions

160 x 130 x 70 mm (W x H x D)

### Firmware-Update

via PC-interface

### Power supply

100 ... 240 VAC, 18 ... 36 V DC

### Ambient temperature

-10 ... 55 °C

### Enclosure

aluminium case for wall mounting,  
protection IP 65 (NEMA 4X)

### EMC

EN 61326 class B, 2004 / 108 / EC



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