

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

MV 5000

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

costefficient 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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