

FEATURES

- LCD Backlight Wide Display
- Simultaneously 5 parameters display with channels' status
- 6 Setpoint outputs [on/off - PID - PWM]
- 6 Proportional pump outputs
- 6 mA outputs (option)
- 1 Cleaning probe output
- 5 level tank inputs
- 5 timer for flocculant/algicide dosing
- Water meter input for water restore
- Minimum / Maximum reading alarm
- Permanent data storage with system log
- Stand-by
- Self- installing communication software
- Local & Remote Controlled
- SMS Service with optional GSM/GPRS modem
- Email Service *
- HTTP Remote Service *

The MAX5 is a multiple digital controller system. It reads and controls up to 5 channels that can be programmed to control: pH - ORP - Chlorine (Free, Total and Combined) - Turbidity - Temperature - Conductivity.

It features 6 setpoint outputs, 6 proportional pump outputs, 6 mA outputs (option), 1 cleaning probe output, 5 level tank inputs and 5 timer for flocculant/algicide dosing. Three way setpoint outputs program mode: on/off - PID - PWM.

MAX5 can be connected to a PC for remote controlling / programming using a RS485, USB, WAN* or LAN* connection.

MAX5 may remotely send SMS alarm messages using its own modem (where available).

All information are provided through a widescreen LCD display (240x64). Using a revolutionary wheel control the instrument can be easily programmed.

ENCLOSURE

IP65 enclosure (NEMA4x) MAX5 housing is made of ABS to ensure protection against aggressive chemicals and tough environment.

MAX DIM: 325 x 235 x 125 (mm)

ENVIRONMENTAL WORKING TEMPERATURE

-10 °C ÷ 50°C (14 °F ÷ 122°F)

0÷95% (non condensing) relative umidity

* Sold as option.

ELECTRICAL

SIGNAL INPUT
Terminal block / BNC

POWER SUPPLY
90-265 VAC; 50/60 Hz

POWER CONSUMPTION
Average 12 W

ON/OFF OUTPUT
6, fuse protected

PROPORTIONAL OUTPUT
6, digital signal

ALARM OUTPUT
Free voltage contact relay

CHEMICAL TANK LEVEL INPUT
5, settable

INPUTS
stand-by
flow
level

DATA OUTPUT
1 serial port hardware (RS485)
1 USB
1 GPRS modem (option)
1 Ethernet (option)

EMEC

ISO 9001:2008
ISO 14001:2004
OHSAS 18001:2007



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Specifications subject to change without notice.
ENG R1-07-10

UNITS RANGE

pH : from 0 to 14 pH

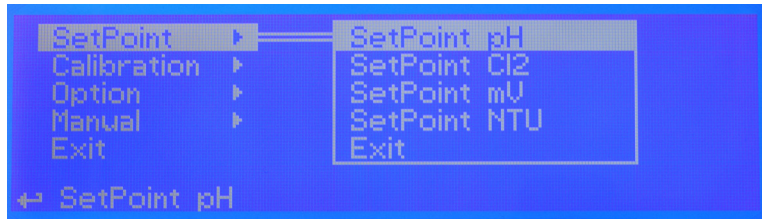
ORP: from 0 to 1000 mv

Chlorine: from 0 to 200 mg/l

Turbidity: from 0 to 30 NTU

Temperature: from 0 to 200 °C

Conductivity: from 0 to 300,0 mS



PROBES MODULES



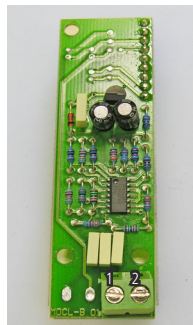
MDCL-1

Module suitable for:

ECL1
ECL2
ECL3
ECL8
ECL9
ECL10
ECL11
ECL13
ECL17
ECL18

Connect probe as follows:

Block n.1 : Brown(+) wire
Block n.2 : White(-) wire
Block n.3 : Green(IN) wire
Block n.4 : Yellow(GND) wire



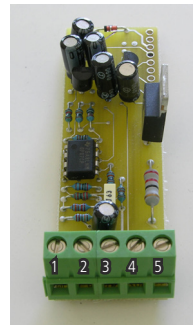
MDCL-6

Module suitable for:

ECL4
ECL5
ECL6
ECL7

Connect probe as follows:

Block n.1 : Black(-) wire
Block n.2 : Red (+) wire



MDTORB-40

Module suitable for:

ETORB/40

Connect probe as follows:

Transmitter cable (2 wires)
Block n.1 : Blue(-) wire
Block n.2 : Brown(+) wire

Receiver cable (3 wires)
Block n.3 : Black(GND) wire
Block n.4 : White (IN) wire
Block n.5 : Brown (+) wire



MDCC

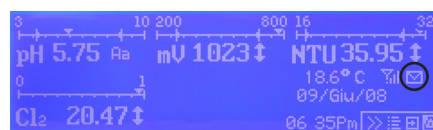
Module suitable for:

ECDHL
ECDC
ECDI

Connect probe as follows:

Block n.1 : Shield
Block n.2 : Black (probe)
Block n.3 : Red (probe)

GSM MODEM COMMUNICATION



Probes are not included. Chlorine probes need a constant flow of water in, between 30 and 50 l/h, to work properly. Use PEF probe holders for optimal results.