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.

**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 *

**ENCLOSURE**

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

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

**ENVIRONMENTAL WORKING TEMPERATURE**

-10 °C ÷ 50°C (14 °F ÷ 122°F)

0÷95% (non condensing) relative humidity

* Sold as option.
UNITS RANGE

pH: from 0 to 14 pH
ORP: from 0 to 1.000 mV
Chlorine: from 0 to 200 mg/l
Turbidity: from 0 to 9.999 NTU
Temperature: from 0 to 200 °C
Conductivity: from 0 to 300,0 mS

PROBES MODULES

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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

Module suitable for:
ECL4
ECL5
ECL6
ECL7

Connect probe as follows:
Block n.1 : Black(-) wire
Block n.2 : Red (+) wire

Module suitable for:
ETORBH

Connect probe as follows:
Block n.1 : Green wire
Block n.2 : Yellow wire
Block n.3 : Black wire
Block n.4 : White wire
Block n.5 : Brown wire

Module suitable for:
ECDHL
EDCSC
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.