M10 *controllers*

Last generation of multiparametric instrument series. Thanks to the contemporary visualization of all parameters on the wide graphic display, the RS232 connection, the GSM modem messaging, the internal SD card to download the data, the M10 is an instrument series very suitable for all applications

- Wide graphic backlighted display 192x64
- Power supply: 100…240 Vac
- Hysteresis and delay time adjustable for each set-point
- 1 Alarm for each set-point
- 1 output relay for the alarms
- RS232 connection with galvanic separation for remote control via PC (**Prodoz** software)
- GSM modem connection
- Optional: slot for SD card (not included)
- Flow sensor input
- Level probes input
- Temperature visualization and compensation
- Dosing time alarm
- 1 timed output relay for maintenance (probes cleaning)
- 4-20 mA proportional output, one for each measure, with selectable range and galvanic separation.
- Frequency output, one for each measure, with selectable range and galvanic separation.
- 4 set-point with free contact relays, ON-OFF or proportional in pause/time mode (PWM).
- Available versions:
3 measures + temperature visualization
4 measures + temperature visualization

Strumenti di misura e controllo per trattamento acqua

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Measures	pH	mV Redox	CL (*) Chlorine	CD Conductivity	TB Turbidity	Oxy Oxygen	°C Temperature
Range	0-14.00 pH	0-1999 mV	0-10.00 ppm	0-19.99 mS (K=1) 0-19.99 μS 0-199.9 μS 0-1999μS (K=5)	0-20.00 NTU	0-20.00 ppm	0-100.0°C
Resolution	± 0.01 ph	±1 mV	±0.01ppm	±1%	±0.01 NTU	±0.01 ppm	±0.1°C
Current output	4-20mA proportional signal, one for each signal, selectable range 400 Ω max, galvanic separation						
Frequency output	one for each signal, selectable range, galvanic separation						
Set point	4 free contact relays 5 A max						
Level probes	2 level probe input						
Probes cleaning	Timed relay for maintenance						
Display	Graphic backlighted 192x64						
Accuracy	± 1% E.S.						
Controls	Keypad 6 keys						
Temperature	Manual or automatic temperature compensation 0-100 °C						
Hysteresis	Programmable for each setpoint						
Delay time	Programmable for each setpoint						
P.W.M.	Programmable for each setpoint						
Alarms	Alarm value for each setpoint (one relay available)						
RS 232	for PC remote control (Prodoz software) or GSM modem connection, with galvanic separation						
SD card (optional)	Slot for SD card (SD card not included)						
Flow sensor	To "freeze" the output relays						
Datalogger	By PC connection or on SD card (optional)						
Power supply	100...240 Vac						
Box	In ABV V0. IP65 protection degree. Terminal board cover separated						
Dimensions	202 x 184 x 106 mm						
Weight	1.150 gr.						

(*) available also the version for selective ion sensor; in this case the measure range depends frome the sensor type choose (see accessories datasheet)