

MLP

Multiparametric controller

Instruments **MLP** series, wall mounting box, are based on microprocessor technology to measure and control in water treatment and chemical process applications. It's a versatile and convenient instrument series, thanks to the simultaneous parameter visualization and the connection via RS232.



- Alphanumeric 2x16 backlight display.
- 4-20 mA proportional output on set-point, 1 for each measure with galvanic separation
- 4-20 mA proportional output on measure range, 1 for each measure with galvanic separation -
- Adjustable Hysteresis for each set-point
- Adjustable delay time for each set-point
- Alarm relay
- Alarm min/max type (alarm window) 1 for each set-point
- Output relay for maintenance (probes cleaning)
- Flow sensor input
- RS232 connection with galvanic separation for remote control (Micon software)
- Temperature compensation and visualization
- Simultaneous parameters visualization.

MLP-2 Series

- Version available pH-Rx, pH-Cl and pH-CD
- 3 set-point with free contact output relay, On-Off or proportional time/pause mode

MLP-3 Series

- Version available pH-Rx-Cl
- 5 set-point with free contact output relay, On-Off or proportional time/pause mode

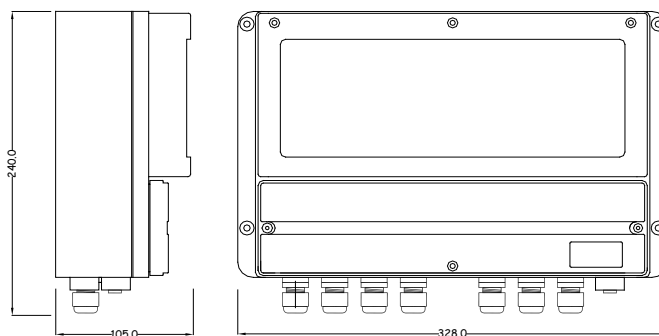
MICON
DOSING SYSTEMS

Measure and control instruments for water treatment



Multiparametric controller

Models	MLP2 PH/RX/°C	MLP2 PH/CL/°C	MLP2 PH/CD/°C	MLP3 PH/RX/CL/°C
Measure range	0-14.00 pH 0-1999 mV 0-100°C	0-14.00 pH 0-10.00 ppm 0-100°C	0-14.00 pH 0-1999 µS (K=1) 0-100°C	0-14.00 pH 0-1999 mV 0-10.00 ppm 0-100°C
Resolution	± 0.01 ph / ±1 mV ±0.1°C	± 0.01 pH / ±0.01ppm ±0.1°C	± 0.01 ph / ±1 µS ±0.1°C	± 0.01 ph / ±1 mV / ±0.01ppm ±0.1°C
Display	Alphanumeric 2x16 backlight LCD			
Precision	± 1% E.S.			
Controls	Keypad 7 Keys			
Temperature	Manual or automatic temperature compensation 0-100 °C			
Set-point	MLP2: 3 free contact output relay 5 A max 220VCA MLP3: 5 free contact output relay 5 A max 220VCA			
Current output	2 (3 x MLP3) proportional on a set-point 4-20mA 400 Ω max with galvanic separation 2 (3 x MLP3) proportional on the measure range (recorder) 4-20mA 400 Ω max with galvanic separation			
Probes cleaning	Maintenance relay output			
Delay	Adjustable for each set point			
P.i.d.	Time/pause proportioning mode for each set point			
Alarm	Alarm min/max (alarm window) for each set point			
RS 232	RS232 connection with galvanic separation for remote control (Micon software)			
Flow sensor	Output relay freezing via flow sensor control			
Power supply	100...240 Vac 50/60 Hz (optional 24 Vac)			
Box	ABS V0, IP65 protection degree			
Dimensions	328 x 240 x 105 mm			
Weight	1843 gr. (MLP2 series) / 1880 gr. (MLP3 series)			



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