

Signal S500 SERIES

www.signal-pumps.co.uk

S500 M96 controller

The M96 Instrument - Available to measure and control in either pH, redox, free chlorine, conductivity or turbidity configurations. Microprocessor technology, available in panel or wall mount formats. Typical applications are: potable water, cooling towers, swimming pools, industry, and agriculture.

Multi-parameter systems are also available. Within this range features an option of a volumetric dosing or flow measuring version.



- 3 set-points with volt free outputs on contact relay (ON-Off)
- 4-20 mA proportional output on set-point 3 with galvanic separation
- 4-20 mA output on measure range (recorder) with galvanic separation
- Adjustable Hysteresys on set-points 1 and 2
- Adjustable delay time on set-points 1 and 2
- Time/pause proportional way selectable on set-point 3
- "Hold" key for maintenance
- LCD display
- Optional:
 - RS232 connection with galvanic separation
 - Flow sensor input
- Version available:
 - Panel mounting
 - Wall mounting

Signal
METERING PUMPS

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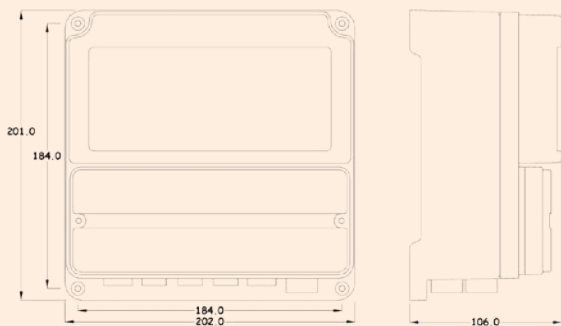
TECHNICAL DATA

S500 SERIES - M96 controller

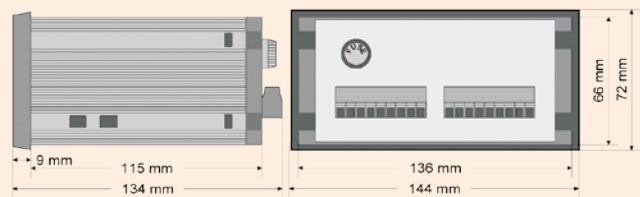
Models	M96-PH	M96-MV	M96-CL	M96-CD	M96-VD	M96-MP	M96-TB
Measure range	0-14.00 pH	0-1999 mV	0-10.00 ppm	0-19.99 μ S K=5 0-199.9 μ S K=5 0-1999 μ S K=5 0-199999 μ S K=1			0-40 NTU
Functions	pH measure and control	Redox potential (ORP) measure and control	Free Chlorine measure and control	Conductivity measure and control	Volumetric dosing	Flow measuring	Turbidity measure and control
Resolution	\pm 0.01 pH	\pm 1 mV	\pm 0.01 ppm	\pm 1% F.S.			\pm 0.1 NTU
Display	LCD 3 1/2 DIGIT (x2)						
Accuracy	\pm 1% E.S.						
Controls	Keypad 5 Keys						
Temperature	Manual temperature compensation 0-100 °C						
Set-point	2 ON/OFF load 5A to 230vac						
Output	2 : 1 Analogical 4-20mA on measure range (recorder) and 1 proportional to the set point 3 (*)						
Histeresys	Set- point histeresys adjustable point						
Delay	Set-point delay adjustable						
P.i.d.	set point 3 selectable in proportional time/pause output						
Power supply	230 Vac 50Hz (optional 110/ 24 Vac)						
Consumption	5W						
Box	202x201x106 mm (W series) / 72x144x134 mm (R series)						
Dimensions	240 x 200 x 115 mm						
Weight	1220 gr. (W series) / 850 gr. (R series)						

(*) not available on 96 TB model

W Series



R Series



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