

Signal S500 SERIES

www.signal-pumps.co.uk

S500 PMX Metering pumps series

An economic electromagnetic metering pump, with the ability to vary dose rate automatically proportional to an incoming signal, eg. Flow.

Suitable for a wide range of proportional chemical dosing applications, up to 10 lt/hr. Compatible with analogue and digital inputs. Features include flow regulation knob, LED indication and simple functionality.



Constant Flow rate

- LED to show pump running and flow regulation knob

Proportional Flow to a 4-20 mA signal

- LED to show pump running
- Pump drive from an external signal between 4 and 20 mA
- 4 mA = 0%, 20 mA = 100% flow rate.
- Level probe input

Proportional flow to a digital signal

(e.g.: water-meter pulse-sender)

- LED to show pump running
- 1:1 mode, 1 signal – 1 pump stroke
- Time mode, 1 signal – adjustable dosing time (0-60 sec)
- Key select working mode
- Knob to adjust dosing time (0-60 seconds)
- Level probe input



Fixing bracket for wall or horizontal base installation

Signal
METERING PUMPS

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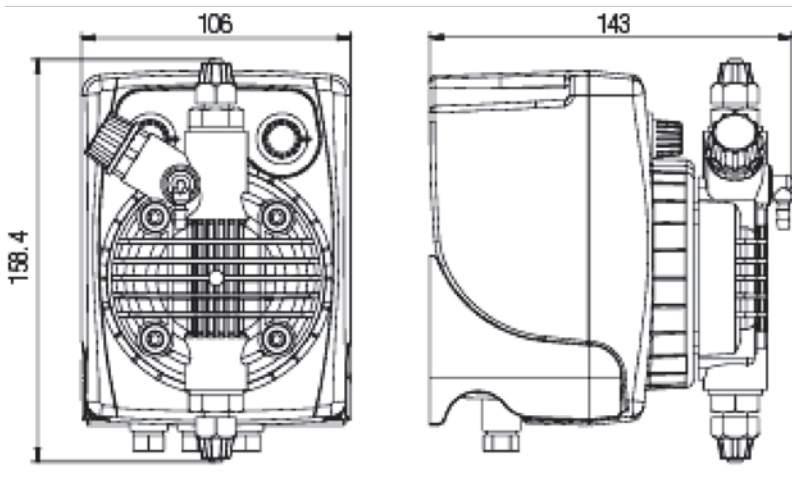
TECHNICAL DATA

S500 SERIES - PMX Metering dosing pumps series

Models	PM 02-06	PM 05-05	PM 07-02	PM 10-01
Flow rate max (l/h)	2	5	7	10
Pressure max (bar)	6	3	2	1
Frequency max (imp/min)	120	120	120	120
ml/pulse	0,28	0,69	0,97	1,39
Max suction high (m)	2.0	2.0	2.0	2.0
Standard power supply (*)	230 V - 50/60 Hz	230 V - 50/60 Hz	230 V - 50/60 Hz	230 V - 50/60 Hz
Weight (kg)	1.9	1.9	1.9	1.9

(*Other power supply, please enquire.)

Dimensions



Materials:

Pump head: polypropylene
(on request: PVC, SS316, PTFE, PVDF)

Diaphragm: PTFE

Connections: polypropylene

Foot filter: polypropylene

Injection valve: polypropylene

Suction tube: PVC crystal

Delivery tube: polyethylene

Lip valves (standard): FPM
(on request: silicon, EPDM, NBR)

Ball valves (on request): Pyrex,
Kalretz, SS316

Seat: FPM (on request: silicon, EPDM,
PTFE, NBR)



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