## PM-Plus metering dosing pumps (proportional flow rate)

Metering dosing pumps PM – Plus series Proportional flow rate from an external signal.



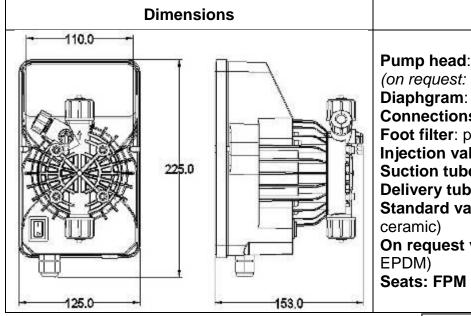
- Backlighted graphic display
- Very easy to use: programming way like "mobile phone"
- Proportional to a digital signal (water-meter pulse-sender):
  - ppm mode selecting the "ppm" quantity the pump automatically adjust the frequency dosing;
  - n:m mode setting the number of external pulse and the correspondent pump strokes;
- Proportional to an external signal 4-20 or 20-4 mA, selecting the mA range and the correspondent value of frequency dosing.
- Constant flow rate mode
- Automatic regulation of frequency dosing (the pump automatically follows the flow variation)
- Automatic managing of excessive external pulses (If the pump receive pulses during the dosing the microprocessor automatically adjust the working frequency without lost any signal)
- Level probe input
- Plastic box IP65 protection degree



## PM-Plus metering dosing pumps (proportional flow rate)

Model	Flow rate max (I/h)	Pressure max (bar)	Frequency max (imp/min)	ml/pulse	Max suction high (m)	Standard power supply (*)	Weight (kg)
PM 01-15	1	15	120	0,14	2.0	230 V – 50/60 Hz	2,3
PM 02-10	2	10	120	0,28	2.0	230 V – 50/60 Hz	2,3
PM 05-07	5	7	120	0,69	2.0	230 V – 50/60 Hz	2,3
PM 10-10	10	10	120	1,39	2.0	230 V – 50/60 Hz	2,3
PM 20-03	20	3	120	2,78	2.0	230 V – 50/60 Hz	2,3
PM 50-01	50	1	120	6,94	2.0	230 V – 50/60 Hz	2,3

(\*) Other power supply contact the headquarters



## **Materials**

Pump head: polypropylene

(on request: PVC, SS316, PTFE, PVDF)

Diaphgram: PTFE

Connections: polypropylene Foot filter: polypropylene Injection valve: polypropylene Suction tube: PVC crystal Delivery tube: polyethylene

**Standard valves:** ball in Pyrex (on request:

On request valves: Lip in FPM (on request:

**Seats: FPM** (on request: EPDM)

