

EONE & EONE B MF

Multifunction microprocessor solenoid dosing pump

eOne MF is an electronic dosing pump with a 'clever' control of power, depending from the effective dosing conditions.

GENERAL FEATURES

- Flow rate control depending on pressuer variation of the installation.
- Energy saving.
- High injection frequency (up to 300 pulses/minutes).
- Manual flow rate regulation 0 ÷ 100%, 0 ÷ 300% pulses/min.
- Proportional mode (1 x n; 1 : n; 1 x n M; ml x l: L x l: ml x m3: PPM).
- Daily and weekly timer (16 programmes/day).
- Relay output.
- 4-20 mA control.
- Flow sensor input.
- Level probe input.
- Multi-tension power supply: 100÷250 Vac 50/60Hz.
- Pump head material : PVDF.
- Seals material: TFE/P.
- Ceramic ball valves.
- Manual air bleed pump head, excerpt for the model 2007 & 3005.



STANDARD ACCESSORY KIT PVDF-TFE/P

All eOne are supplied with a standard PVDF – TFE/P installation kit, made up of 2m discharge PE tube (4x6mm), 2m suction + 2m bleeding PVC crystal tube (4x6mm), PVDF foot-filter, PVDF injection valve. Other configurations are available upon request.

PUMP FAILURE ALARMS (UNDERLOAD/OVERLOAD)

Underload Alarm (suction alarm): for low (end of) chemical level, blocking suction valve or damaged suction tube.

Overload Alarm (discharge alarm): for over pressure inside the pump head for excessive operating pressure inside the dosing pipeline, for clogging delivery valve.

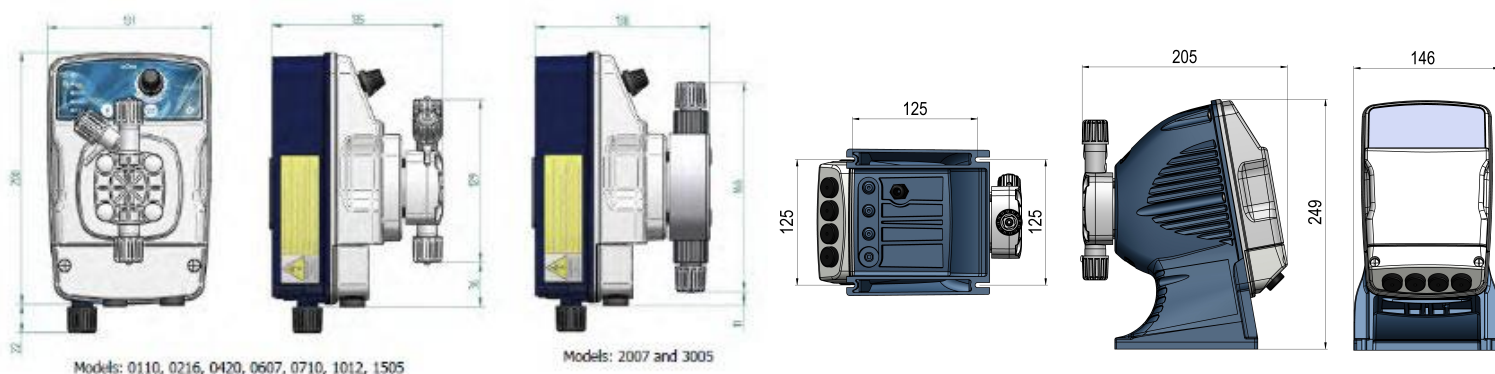




TECHNICAL FEATURES

Model	Flow rate l/h - (US gal/h)		Pressure bar - (psi)		Injection volume [cc]	Max frequency [imp/1']	Connections [mm]	Power supply	Power Consumption Min/Max [W]
0110	1.0	(0.264)	10	(145)	0.09	180	4/6	100 - 250 Vac 50 - 60 Hz	5/23
	1.8	(0.475)	6	(87)	0.16				
	2.5	(0.660)	2	(29)	0.23				
0216	2.0	(0.528)	16	(232)	0.11	300	4/6	100 - 250 Vac 50 - 60 Hz	7/26
	3.8	(1.008)	10	(145)	0.21				
	5.1	(1.354)	6	(73)	0.29				
0607	6.0	(1.584)	7	(102)	0.33	300	4/6	100 - 250 Vac 50 - 60 Hz	5/23
	6.3	(1.674)	4	(58)	0.35				
	7.3	(1.930)	2	(29)	0.41				
0420	4.0	(1.056)	20	(290)	0.22	300	4/6	100 - 250 Vac 50 - 60 Hz	10/32
	6.0	(1.584)	12	(174)	0.33				
	7.3	(1.930)	8	(116)	0.40				
0710	7.0	(1.859)	10	(145)	0.39	300	4/6	100 - 250 Vac 50 - 60 Hz	7/26
	8.5	(2.244)	6	(87)	0.47				
	11.7	(3.081)	2	(29)	0.65				
1012	10.0	(2.640)	12	(174)	0.56	300	4/6	100 - 250 Vac 50 - 60 Hz	10/32
	11.8	(3.113)	6	(87)	0.66				
	14.3	(3.765)	2	(29)	0.79				
1505	15.0	(3.960)	5	(73)	0.83	300	4/6	100 - 250 Vac 50 - 60 Hz	7/26
	15.4	(4.068)	3	(44)	0.86				
	17.2	(4.541)	1	(15)	0.96				
2007	20.0	(5.280)	7	(102)	1.11	300	6/8	100 - 250 Vac 50 - 60 Hz	10/35
	21.3	(5.623)	3	(44)	1.18				
	28.2	(7.445)	0.5	(7)	1.57				
3005	30.0	(7.910)	5	(72)	1.66	300	6/8	100 - 250 Vac 50 - 60 Hz	10/35
	30.8	(8.118)	2	(44)	1.71				
	36.5	(9.636)	0.5	(7)	2.03				

DIMENSIONS (MM)



EONE SERIES

Solenoid dosing pumps

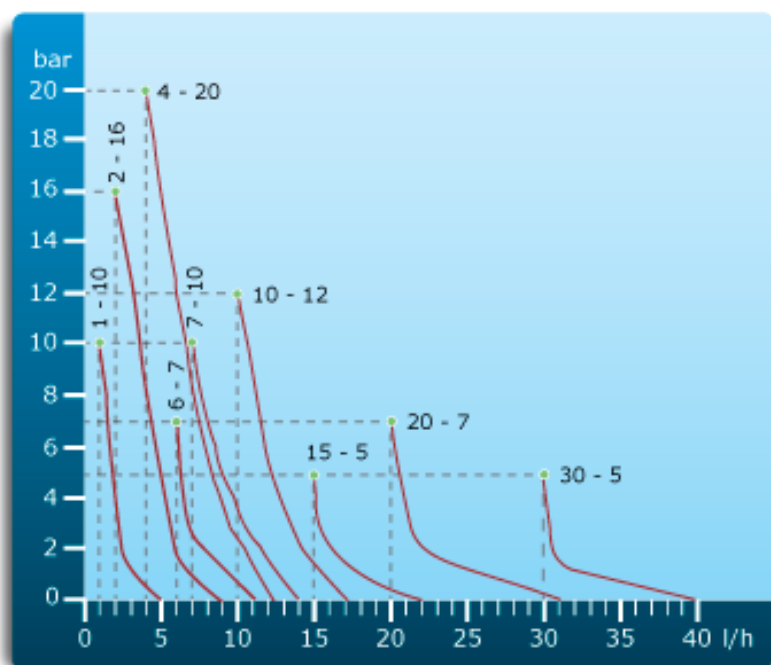


CODES

eOne MF	Version
PEU483894I	eOne MF 110
PEU483914I	eOne MF 216
PEU483924I	eOne MF 420
PEU483934I	eOne MF 607
PEU483944I	eOne MF 710
PEU483954I	eOne MF 1012
PEU483964I	eOne MF 1505
PEU483974I	eOne MF 2007
PEU483864I	eOne MF 3005

eOneB MF	Version
PBU483894I	eOneB MF 110
PBU483914I	eOneB MF 216
PBU483924I	eOneB MF 420
PBU483934I	eOneB MF 607
PBU483944I	eOneB MF 710
PBU483954I	eOneB MF 1012
PBU483964I	eOneB MF 1505
PBU483974I	eOneB MF 2007
PBU483864I	eOneB MF 3005

PRESSURE-FLOWRATE DIAGRAM



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