EONE & EONE B PLUS

Multifunction microprocessor solenoid dosing pump



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

GENERAL FEATURES

- Flow rate control depending on pressure variation of the installation.
- High injection frequency (up to 300 pulses/minutes).
- Manual flow rate regulation 0 ÷ 100%, 0 ÷ 300% impulses/min.
- Proportional mode (1 x n; 1 : n; 1 x n M; ml x l: L x l: ml x m3: PPM).
- Measure ranges: 0.00-14.00 pH; -1000/+1400 mV Redox; 0-2,0-10, 0-20. 0-200 ppm.
- Daily and weekly timer (16 programmes/day).
- Relay output.
- 4-20 mA control.
- Flow sensor input.
- Multi-tension power supply: 100÷250 Vac 50/60Hz.
- PT100 temperature probe input.
- ON/OFF or proportional mode.
- DIRECT or REVERSE intervention.
- Pump head: PVDF, Seals: TFE/P.
- Ceramic ball valves.
- Level probe input.
- Supplied with PVDF installation kit.
- Flow rate: 1 to 30 l/h.
- Maximum pressure: up to 20 bar.
- Stroke rate: 180 to 300 impulses/min.
- Diaphragm: PTFE.
- External casing: reinforced PP and chemical resistant.

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.

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TECHNICAL FEATURES

Modello	Portata l/h - (US gal/h)		Pressione bar - (psi)		Volume dosato [cc]	Max frequenza [imp/1']	Connessioni [mm]	Alimentazione	Potenza 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				

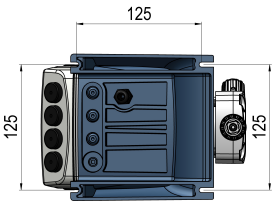
DIMENSIONS (MM)

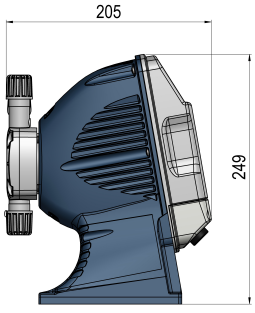


Models: 0110, 0216, 0420, 0607, 0710, 1012, 1505



Models: 2007 and 3005







EONE SERIES

Solenoid dosing pumps

CODES

eOne PLUS	Version
PEU463894I	eOne PLUS 110
PEU463914I	eOne PLUS 216
PEU463924I	eOne PLUS 420
PEU463934I	eOne PLUS 607
PEU463944I	eOne PLUS 710
PEU463954I	eOne PLUS 1012
PEU463964I	eOne PLUS 1505
PEU463974I	eOne PLUS 2007
PEU463864I	eOne PLUS 3005

eOneB PLUS	Version
PBU463894I	eOneB PLUS 110
PBU463914I	eOneB PLUS 216
PBU463924I	eOneB PLUS 420
PBU463934I	eOneB PLUS 607
PBU463944I	eOneB PLUS 710
PBU463954I	eOneB PLUS 1012
PBU463964I	eOneB PLUS 1505
PBU463974I	eOneB PLUS 2007
PBU463864I	eOneB PLUS 3005

PRESSURE-FLOWRATE DIAGRAM

