

## eOneB PLUS

### Multi-function Microprocessor Solenoid Dosing Pump With pH, Rx or Cl (ppm) and proportional control

**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 from pressure variation of the installation
- Energy saving
- Low heating of the device
- Low wear of mechanical and electrical components
- High injection frequency up to 300 pulses/min
- Manual flow rate regulation **0÷100%, 0÷300** impulses/min
- Proportional dosing modes (1 x n; 1 : n; 1 x n M; ml x I; L x I; ml x m3; PPM)
- 0.00– 14.00 pH
- -1000 /+1400 mV Redox
- 0-2 / 0-20 / 0-10 / 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 mode or proportional mode
- DIRECT or REVERSE intervention
- Hysteresis
- Pump head made of **PVDF**, polymer highly resistant, with all sealings in **TFE/P**, which is a new elastomer compatible with a wide variety of chemicals
- Manual air bleed pump head, except for the models 2007 and 3005.
- Level probe input
- Supplied with PVDF installation kit
- Flow rate: from 1 to 30 l/h
- Maximum pressure: up to 20 bar
- Stroke rate: from 180 to 300 impulses/min
- Diaphragm: PTFE
- External casing: Reinforced PP and chemical resistant

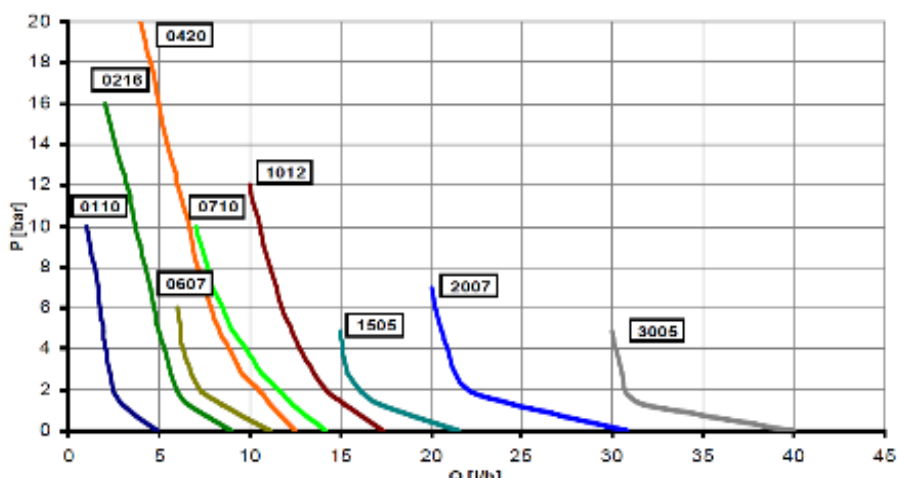


#### Pump failure alarms (Underload/Overload)

- **Underload alarm** (Suction alarm): for low (end) 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 (pulse/min)	Connections Int/Ext (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)	0.11				
0607	5.1 (1.354)	6 (73)	0.29	300	4/6	100 – 250 Vac 50 – 60 Hz	5/23
	6.0 (1.584)	7 (102)	0.33				
	6.3 (1.674)	4 (58)	0.35				
0420	7.3 (1.930)	2 (29)	0.41	300	4/6	100 – 250 Vac 50 – 60 Hz	10/32
	4.0 (1.056)	20 (290)	0.22				
	6.0 (1.584)	12 (174)	0.33				
0710	7.3 (1.930)	8 (116)	0.40	300	4/6	100 – 250 Vac 50 – 60 Hz	7/26
	7.0 (1.859)	10 (145)	0.39				
	8.5 (2.244)	6 (87)	0.47				
1012	11.7 (3.081)	2 (29)	0.65	300	4/6	100 – 250 Vac 50 – 60 Hz	10/32
	10.0 (2.640)	12 (174)	0.56				
	11.8 (3.113)	6 (87)	0.66				
1505	14.3 (3.765)	2 (29)	0.79	300	4/6	100 – 250 Vac 50 – 60 Hz	7/26
	15.0 (3.960)	5 (73)	0.83				
	15.4 (4.068)	3 (44)	1.18				
2007	17.2 (4.541)	1 (15)	0.96	300	6/8	100 – 250 Vac 50 – 60 Hz	10/35
	20.0 (5.280)	7 (102)	1.11				
	21.3 (5.623)	3 (44)	1.18				
3005	28.2 (7.445)	0.5 (7)	1.57	300	6/8	100 – 250 Vac 50 – 60 Hz	10/35
	30.0 (7.910)	5 (72)	1.66				
	30.8 (8.118)	2 (44)	1.71				
	36.5 (9.636)	0.5 (7)	2.03				



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

## Overall Dimensions

