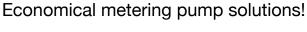
Concept PLUS Series







The **ProMinent® Concept Plus** series covers a capacity range of **0.16 to 3.17 GPH (0.6 to 13.5 LPH)** at pressures up to **232 psi (16 bar)**.

Its compact construction and features make it ideal for use in flow proportional or on/off control applications. The Concept Plus mounts easily onto a tank or wall bracket. Adjustment of the pump capacity is via the stroke length in the range of 10-100 % or can be set at 1 of the 4 stroke frequency settings. This gives an adjustment ratio of 40:1.

Features & Benefits

- NSF 61/50 approvals
- Low cost opens up opportunities in the most basic applications
- PVDF wetted ends eliminate compatibility concerns
- Integral bleed valve prevents "loss of prime"
- Lowest maintenance costs in its class
- External control via dry contact pulse (1:1)
- Wetted end materials: PP, Acrylic/PVC or PVDF

Applications

- Swimming pools
- Spas, fountains and spray pads
- Cooling towers
- Boiler feed applications
- General Chlorination
- Municipal and industrial wastewater
- Water disinfection
- Biocide feed
- "Pump on a drum" applications

Concept PLUS Series

Technical data

Capacity Data											
Pump Version	Capacity at Maximum Back Pressure			mL/ stroke	Max. Stroking Rate	Pre-Primed Suction Lift		Tubing Connectors O.D. x I.D.	Shipping Weight (approx.)		
	psig	(bar)	GPH	(L/h)		spm	ft.	(m)	(in.)	lbs.	(kg)
CNPA											
1000	145	(10)	0.16	(0.6)	0.07	180	20	(6)	1/4" x 3/16"	3.97	(1.8)
1601	232	(16)	0.26	(1.0)	0.10	240	20	(6)	1/4" x 3/16"	3.97	(1.8)
1002	145	(10)	0.53	(2.0)	0.19	180	16	(5)	1/4" x 3/16"	3.97	(1.8)
1003	145	(10)	0.71	(2.7)	0.19	240	16	(5)	1/4" x 3/16"	3.97	(1.8)
0704	102	(7)	1.17	(4.4)	0.41	180	13	(4)	1/4" x 3/16"	3.97	(1.8)
0705	101	(7)	1.37	(5.2)	0.38	240	13	(4)	1/4" x 3/16"	3.97	(1.8)
0308	43.5	(3)	2.10	(8.0)	0.79	180	20	(6)	3/8" x 1/4"	3.97	(1.8)
0215	29	(1.5)	3.17	(13.5)	1.40	180	5	(1.5)	3/8" x 1/4"	3.97	(1.8)

External pulse contact retrofit available as an option (P/N 1022000)

Identity code pump configuration

CNPa	Concept												
	Version	Capacity					Version	Capacity					
	1000	0.16 gph (0.6 l/h), 145 psi (10 bar)					0704	1.17 gph (4.4 l/h), 102 psi (7 bar)					
	1601	0.26 gph	(1.0 l/h), 2	232 psi (16	bar)		0705	1.37 gph (5.2 l/h), 101 psi (7bar)					
	1002	0.53 gph	(2.0 l/h), 1	45 psi (10	bar)		0308	2.10 gph (8.0 l/h), 43.5 psi (3 bar)					
	1003	0.71 gph	(2.7 l/h), 1	45 psi (10	bar)		0215	0215 3.17 gph (12 l/h), 29 psi (2 bar)					
		Liquid e	nd materia	al:									
		PP Polypropylene											
		NP											
		PV											
			O-rings:										
		E EPDM/PTFE coated, only for PP and NP self-degassing											
			B FPM-B/PTFE coated, only on PP and NP self-degassing										
			T PTFE/PTFE coated										
				Liquid end version:									
				0			no valve	, •					
				1				valve spring					
				2	With bleed valve, no valve spring (except 0704 models)								
			3 With bleed valve, with valve spring										
					Connection:								
					-	0 Standard according to technical data B Special connection 3/8" x 1/4"							
					В		connection	onnection 3/8" x 1/4"					
						Logo:	Mith Droi	Minort® logo					
						2	1	Minent® logo					
							Power S	ProMinent® logo					
							A	1 ph 230 V 50/60 Hz (Euro plug)					
							D	1 ph 115 V 50/60 Hz (US plug)					
							Ιυ	1 ph 230 V 50/60 Hz (US plug) (consult factory for pricing)					
								Control Option:					
								0 Standard (w/o external control)					
								B Pulse control					
									Accesso				
									1 With accessories (foot valve, injection valve, tubing)				
										Approva			
										0	CSA		
CNPa	1000	PP	В	2	0	0	A	В	1	0			

