

# Concept <sup>PLUS</sup> Series

## Economical metering pump solutions!

Quality, reliability and the best value!

The **ProMinent® Concept Plus** series covers a capacity range of **0.20 to 3.94 GPH (0.74 to 14.9 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.

Typical applications include metal finishing, chlorination and cooling towers.

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.

External control via dry contact pulse (1:1)

**PVDF Liquid ends** are ideal for standardization.

Wetted end materials: PP, Acrylic/PVC or PVDF



## Features & Benefits

- Certified to **NSF/ANSI 61** (acrylic or PVDF liquid ends)
- 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

## Applications

- Cooling towers
- Boiler feed applications
- General Chlorination
- Municipal and industrial wastewater
- Water disinfection
- Biocide feed
- "Pump on a drum" applications

# ProMinent®

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# Concept PLUS Series

## Capacity data

Pump Version	Capacity at Maximum Back Pressure		U.S.		mL/stroke	Max. Stroking Rate spm	Pre-Primed Suction Lift ft. (m)	Tubing Connectors O.D. x I.D. (in.)	Shipping Weight (approx.)	
	psig	(bar)	GPH	(L/h)					lbs.	(kg)
1000	145	(10)	0.20	(0.9)	0.07	180	20 (6)	1/4" x 3/16"	3.97	(1.8)
1602	232	(16)	0.40	(1.5)	0.10	240	20 (6)	1/4" x 3/16"	3.97	(1.8)
1003	145	(10)	0.70	(2.7)	0.19	240	16 (5)	1/4" x 3/16"	3.97	(1.8)
0704	101	(7)	1.00	(3.7)	0.36	180	13 (4)	1/4" x 3/16"	3.97	(1.8)
0705	101	(7)	1.40	(5.2)	0.38	240	13 (4)	1/4" x 3/16"	3.97	(1.8)
0308	43	(3)	2.25	(9.0)	0.79	180	20 (6)	3/8" x 1/4"	3.97	(1.8)
0215	21	(2)	3.94	(14.1)	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 PLUS

1000 0704 0215 1602 0705 1003 0308	Pump version:	
PP NP PV	Liquid end materials: Polypropylene Acrylic/PVC PVDF	
B E T	Seals: Viton® EPDM PTFE <small>Viton® is a registered trademark of DuPont Dow Elastomers</small>	
2 3	Liquid end version: 2 With bleed valve, w/o valve springs 3 With bleed valve, w/ valve springs	
0	Hydraulic Connector: Standard (In accordance with technical data)	
0	Labeling: Standard with logo	
A D U	Electrical connection: A 1 ph 230 V 50/60 Hz (Euro plug) D 1 ph 115 V 50/60 Hz (US plug) U 1 ph 230 V 50/60 Hz (US plug) (consult factory for pricing)	
0 B	Control Option: 0 Standard (w/o external control) B Pulse control	
1	Accessories: With accessories (foot valve, injection valve, tubing)	

CNPa 0215 PV T 2 0 0 D 0 1