

► 0.20 to 3.94 GPH (0.74 to 14.9 LPH)

ProMinent® Concept PLUS Series

Experts in Chem-Feed and Water Treatment

ProMinent®

Economical metering pump solutions!

Quality, reliability and the best value!

The 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, car washes 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)

New PVDF Liquid ends are ideal for standardization.

Wetted end materials: PP, Acrylic/PVC or PVDF



ProMinent® Concept PLUS

Features and benefits

- 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

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Capacity data

	Pump Capacity at Maximum Stroke Back Pressure				Output Suction Stroke	Max per Rate	Max. Lift	Suction/ Discharge Connector	Shipping Weight	
Pump Type CNPA	psig	(bar)	U.S. GPH	(L/h)	mL/ stroke	Stroke/ min	(water) ft. (m)	O.D. x I.D. (in.)	(approx.) lbs.	(kg)
1000	145	(10)	0.20	(0.74)	0.07	180	20 (6)	1/4 x 3/16	3.97	(1.8)
1601	232	(16)	0.29	(1.1)	0.10	180	20 (6)	1/4 x 3/16	3.97	(1.8)
1002	145	(10)	0.55	(2.1)	0.19	180	16 (5)	1/4 x 3/16	3.97	(1.8)
0704	102	(7)	1.03	(3.9)	0.36	180	13 (4)	1/4 x 3/16	3.97	(1.8)
0308	43	(3)	2.25	(8.5)	0.79	180	20 (6)	3/8 x 1/4	3.97	(1.8)
0215	21	(2)	3.94	(14.9)	1.40	180	5 (1.5)	3/8 x 1/4	3.97	(1.8)

External retrofit kit available with 6.5 ft. (2 m) control cable: p.n. 1022099

Identity code pump configuration

CNP a Concept PLUS

1000 0704
1601 0308
1002 0215

pump version:

PP
NP
PV

Liquid end materials:

Polypropylene
Acrylic/PVC
PVDF

B
E
T

Seals:

Viton/b
EPDM
PTFE

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Liquid end version:

- 2 With bleed valve, w/o valve springs
- 3 With bleed valve, w/ valve springs

Hydraulic Connector:

0 Standard (In accordance with technical data)

Labeling:

0 Standard with logo

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)

Control Option:

- 0 Standard (w/o external control)
- B Pulse control

Accessories:

- 1 With accessories (foot valve, injection valve, tubing)

CNP a 0215 PV T 2 0 0 D 0 1

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