

Oil & Gas Production Pumps

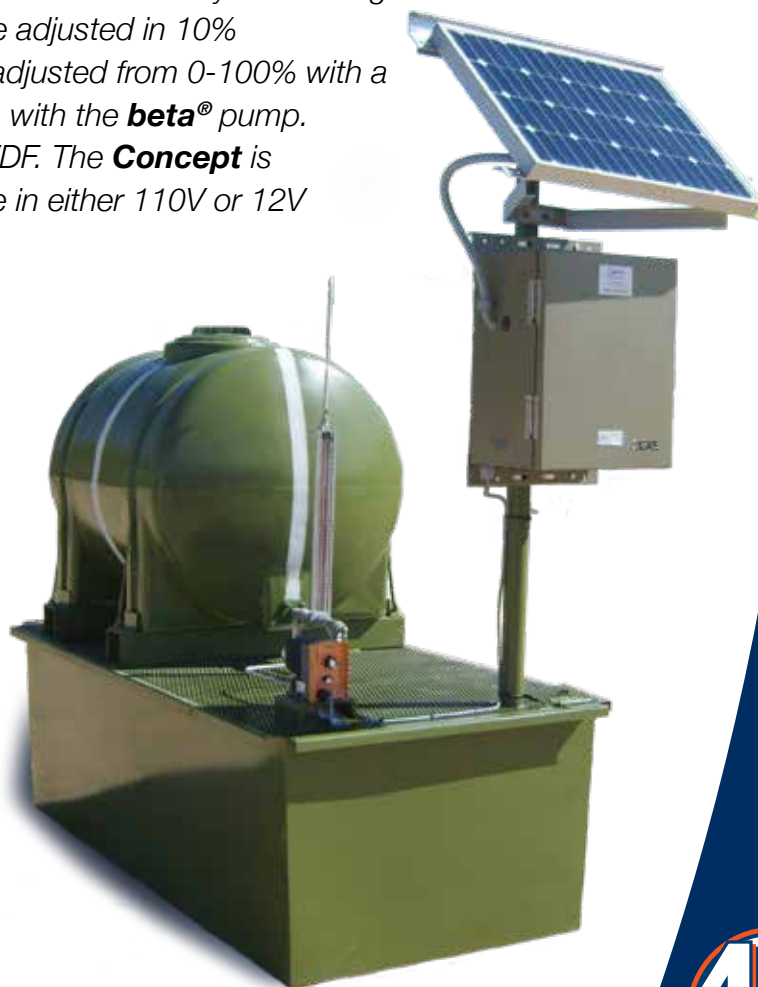
Quality, Reliability and Value!



The **ProMinent® Concept** and **beta®** pumps are (Hearty) solenoid metering pumps suitable for Oil & Gas production services. Feed rate is determined by stroke length and stroke frequency adjustments. Stroke length can be adjusted in 10% increments from 10-100%. Stroke length is adjusted from 0-100% with a 4:1 turndown ratio in the **Concept** and 10:1 with the **beta®** pump. Pump head construction is either SST or PVDF. The **Concept** is available in 110V, while the **beta®** is available in either 110V or 12V versions.

Application Specific Solutions

- Frac water reuse and treatment
- SWD chemical treatment
- Oxygen scavengers
- Corrosion inhibitors
- Emulsion breakers
- H₂S scavengers
- Scale inhibitors
- Drag reducers
- Defoamers
- Biocides
- Soaps



ProMinent®



Oil & Gas Production Pumps

Specifications

LMI Equivalent	ProMinent P/N	Connection	Power	GPH	GPD	PSI
P121-257	7781500	1/4'	110V	0.29	7.0	253
P121-257 w/ spring	1048273	1/4'	110V	0.29	7.0	253
P121-OFP.5	7500405	1/4'	110V	0.29	7.0	232
P141-257	7781501	1/4'	110V	0.6	14.4	232
P141-257 w/ spring	7781602	1/4'	110V	0.6	14.4	232
J54D	1048763	1/4'	12V	0.55	13.2	253
P141-OFP.5	7500406	1/4'	110V	0.6	14.4	232
n/a	7781504	1/4'	110V	0.75	18.0	353
n/a	7781506	1/4'	110V	0.55	13.2	290

ProMus Series Pumps

The **ProMinent® ProMus** is a motor driven metering pump with a **hydraulically actuated Teflon diaphragm**. The plunger and diaphragm are hydraulically coupled and are precisely controlled by a mechanically actuated replenishment valve, which senses diaphragm position to admit coupling fluid as needed. The coupling fluid is continuously degassed to maintain accuracy. The drive case is protected from overload by a simple acting relief valve. The movement of the diaphragm depends on the amount of liquid displaced by the plunger.



Orlitas Mf Series

The **ProMinent® Orlita® Mf** is a hydraulically-actuated metering pump capable of reaching flows up to **2,200 gph (8,325 l/h)** per head and pressures up to **11,350 psi (783 bar)**. A double PTFE diaphragm seals the liquid end from the hydraulic chamber while a unique cone valve design in the suction and discharge valve guarantees optimum accuracy.



ProMinent Fluid Controls, Inc.
136 Industry Drive • Pittsburgh, PA 15275 USA
(412) 787-2484 • Fax: (412) 787-0704
email: sales@prominent.us • www.prominent.us

© 2014 ProMinent Fluid Controls, Inc. All Rights Reserved.

PN: 7750424
Oil_Gas_Pumps.indd rev2 6/12/2014