



AUTO PUMP

Promag Level Indicators/Transmitters/Switches Pressure Powered Pumps

www.promag.com

PROCESS FEATURES

.27 – 1.9, Specific Gravity
-300 F to +800 F Temperatures
Vacuum to 6000 psig design
Visual Indicators – Percentages, gallons, liters, inches only or any combination

TRANSMITTERS / SWITCHES

Transmitter – Continuous Level with $\frac{1}{4}$ " or $\frac{1}{2}$ " resolution. **Indication** as well as **Control**.
Switches
Electric – 1 amp. - FM approved for Class 1, Div.1, Gr. B,C ,D
10 amps. Micro Switch - FM approved for Class 1, Div.1, Gr. B,C,D
Pneumatic

FLOAT

4,500 + different designs to date
Adjustable Float – when gravity's unknown or varies
Interface - .10 differences between gravity's (.9/1.0) to indicate a clear difference
Total Level
Interface Level

VISUAL INDICATORS

Standard
Flag & Flipper
FI

WELDING

Welding is TIG (Tungsten Inert Gas). Assures full penetration.

BOILER CODES

PROMAG complies with the ASME Sect. 1 - PG-60.1

TEMPERATURE CONTROL / EFFECTS ON SPECIFIC GRAVITIES

Specific gravities are affected by temperature changes.

CRYOGINECS

32 F or Below needs cryogenic insulation to prevent flashing and ice accumulation.
-150F or below Vacuum Jacketed Insulation

AUTO PUMP – Pneumatic Pump

Liquid collection and pumping in one unit (system).
All pumps & systems custom built to process requirements.

Applications include: Sample Recovery, Flare Recovery, Condensate Recovery,
Drip Pots, Steam Powered Pumps, Separators, Retrofits