pulsar MEASUREMENT

PULSARPOINT 800 SERIES

Liquid level float switches.

Extremely reliable operation when controlling the level of non-potable water and sewage.

The PulsarPoint 800 range of liquid level float switches and accessories offer the user a wide selection of high integrity devices, designed for very reliable operation when controlling the level of non-potable water and sewage. Versions are available to provide alarm control and pump control. The units have all been designed for maximum durability and dependability, and are manufactured to the highest standards.

Mechanically activated designs are available, with units capable of switching operating currents from 5 to 13 Amps, pump up or pump down.

The 800 series of pump control switches have a wide-angle operation to enable user-adjustable pumping ranges from one pump switch.

The 800 series alarm control switches have narrow-angle operation to provide precise switch-on/off points to activate pump control panels and alarms.

The floats are manufactured from high impact and corrosion-resistant PVC or polypropylene and are suitable for liquid temperatures up to 60 ºC.

A specially designed seal, bonds the cable into the float, preventing water ingress, while allowing flexibility and ensuring reliable operation. PulsarPoint 800 series float switches have a typical working life of over 1/2 million operations.

800-20 Pump Master: Pump Switch

A versatile, mechanically activated, wide-angle pump switch, not sensitive to turbulence. Control pump control panels and pumps directly up to 1.35 kW at 115 V AC and 2.59 kW at 230 V AC. Maximum continuous current 13 Amps, maximum starting current 85 Amps. Pump up and pump down or SPDT versions available with cable weight option. The float is 7.73 cm x 9 cm = (3.04 in x 3.5 in) and is manufactured from PVC. Adjustable pumping range from 18 cm to 91 cm = (7.08 in x 35.8 in).

THE RIGHT SENSOR FOR

- Pump Control
- Potable Water
- Water
- Sewage Applications
- Wet Well Measurement
- High & Low Level Alarms
- Level Measurement

800-50 Micro Master: Pump Switch

A low cost mechanically activated pump switch designed for use in turbulent conditions. Controls pump up to 10 Amps at 115 V AC, 8 Amps at 230 V AC. Pump up, pump down, or SPDT versions.

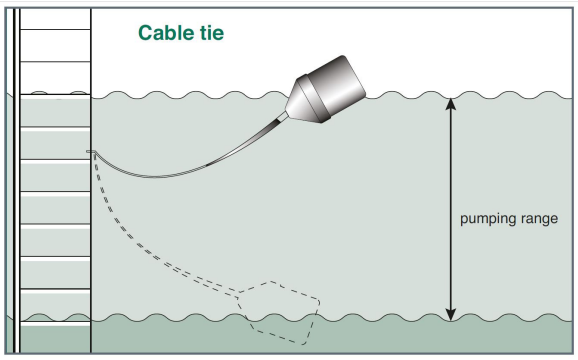
The float is 7 cm x 12.3 cm (2.75 in x 4.8 in) and is manufactured from high impact resistant polypropylene.

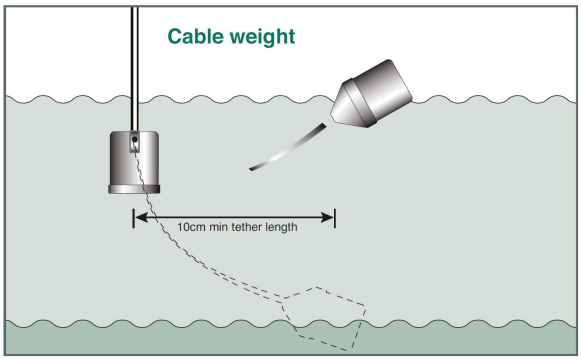
800-70 Signal Master: Control Switch

A high-performance, mechanically activated, narrow-angle control switch is designed to accurately activate pump control panels and alarms. Switches currents of up to 5 Amps AC.

Switch operating range typically ±4 cm (1.57 in) from horizontal. Pump up, pump down, or SPDT versions are all available with pipe clamp or cable weight options. The float is 7.2 cm x 8.7 cm = (2.8 in x 3.4 in) and is manufactured from high impact resistant polypropylene housing.

The Pulsar Signal Master SPDT can be wired to work in either normally open or normally closed applications. It is not sensitive to rotation.





Normally Open Model (High Level)

The control switch turns on (closes) when the float tips slightly above horizontal signaling at a high level, and turns off (opens) when the float drops slightly below horizontal.

Normally Closed Model (Low Level)

The control switch turns on (closes) when the float tips slightly below horizontal signaling a high level and turns off (opens) when the float tips slightly above horizontal.

Delivering the Measure of Possibility

Pulsar Measurement offers worldwide professional support for all of our products, and our newtork of global partners all offer full support and training. Our facilities in Malvern, UK and Largo, USA are home to technical support teams who are always available to answer your call or attend your site when required. Our global presence, with direct offices in the UK, USA, Canada, and Malaysia allow us to create close relationships with our customers and provide service, support, training, and information throughout the lifetime of your product.

By taking a step forward in echo processing technology, Pulsar Measurement addresses applications previously thought to be beyond the scope of ultrasonic measurement. This technology improves signal processing at the transducer head which has made it possible to increase resistance to electrical noise, enabling the transducer to 'zone in' on the true echo.

For more information, please visit our website:

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