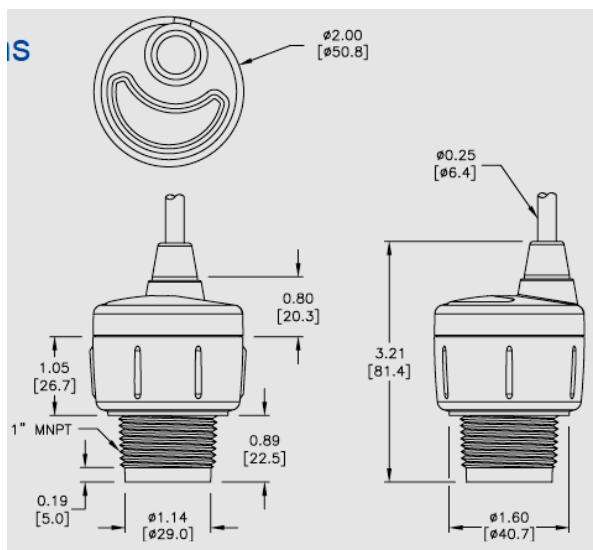




## AS-PVT-DX10



- Ultra-Sonic Sensor for Non-Contact Continuous Fuel Level Measurement
- Know the Fuel Level from anywhere with Apollo Solar Remote Monitoring System
- Alarms at low point and/or rapid outflow
- Know the amount of fuel before you send a fuel truck, and spot on-site leaks
- Any Tank Shape and Size to 1.25m deep
- Configuration is fast and easy using WebCal software - included
- Automatic temperature compensation



# FUEL LEVEL SENSOR FOR DIESEL FUEL TANKS

## ACCESSORY FOR APOLLO PVT ENERGY SYSTEM

Knowing the amount of fuel in every tank is essential. Apollo Solar's Hybrid Systems offer the features that make your diesel generator system reliable while lowering the cost of ownership. This continuous reading, Ultra-Sonic sensor provides accuracy and resolution for precise measurements. The Apollo Remote Monitoring uses this sensor to display the current amount of fuel, in Liters, on site and on any remote computer or smart phone screen. Alarms can be set for alerts on low fuel or on rapid decrease.

AS-PVT-DX10 Technical Specifications	
Range	50mm to 1250mm (2 in to 4.1 ft)
Accuracy	3mm (0.125 in)
Resolution	0.5mm (0.019 in)
Sensing Dead Band	50mm (2 in) at top of tank
Beam Width	50mm (2 in)
Tank Shape Configuration	WebCal Software & LI99-1001 USB Fob Adapter
Memory	Non-volatile
Supply Voltage	12 to 24 VDC
Power Consumption	0.5W (21ma at 24VDC)
Signal Output	0 to 5 Volts
Minimum Load	800Ω at 12 VDC; 1600Ω at 24 VDC
Output Current	Sink current, 15 mA nominal
Signal Fail-Safe	Full, empty or hold last
Process Temperature	-7° to 60°C (20°F to 140°F)
Temp. Compensation	Automatic
Ambient Temperature	-35° to 60°C (-31°F to 140°F)
Pressure	2 bar (30 PSI) MAX
Enclosure Rating	NEMA Type 6P, IP67, encapsulated, corrosion resistant & submersible, UV stable.
Enclosure Material	Polycarbonate
Strain Relief Material	Santoprene
Transducer Material	Polyvinylidene Fluoride
Cable Jacket Material	Polyurethane
Cable Type	6-conductor, shielded
Cable Length	1.2m (48")
Process Mount	1 inch MNPT (Approx 25mm Diam)
Mount Gasket	Viton (included)
Size	See drawing
Weight	1kg (0.5 lbs)
Compliance	CE, RoHS
Agency Approvals	cFMus

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