

PROTEUS PK

Tank Gauging and Leak Detection Kit

Integrated Tank Monitoring and Management



PROTEUS-PK controller with its proven reliability, advanced technology, versatility, scalability, and enhanced features packaged with inventory only probes, stainless steel floats, and AST Cap Assembly Kit to offer an economical solution for monitoring above ground storage tanks.

The PROTEUS accepts up to 16 of OMNITEC's Bright Eye (BX Series) Sensors for distinguishing product from water or for simply detecting the presence of liquid. A distinct advantage of Bright Eye sensors is they are networked and utilize four wire bus technology.

Sensor or probe input modules are not required, bringing ease to ordering and installation. A built in microprocessor gives each sensor the ability to identify itself and its location, which is displayed along with alarm conditions on the 7-inch color touch screen graphic display.

PROTEUS does not require additional modules to drive a remote light and horn, as three programmable on board relays facilitate this function.

With OMNITEC's proven reliability, the PROTEUS-PK offers an attractive, comprehensive, user-friendly system that can open doors to endless possibilities.

i See our Capabilities Brochure for our Solutions Overview.

KEY FEATURES

- Fully integrated with Ward Fuel Management Solution
- Accepts up to 8 magnetostrictive probes
- Accepts up to 16 Bright Eye sensors
- Sensors networked using state of the art 4 wire bus technology
- 1 RS-232 port
- Intuitive/programmable level and leak alarm instructions
- SD memory card with storage capability up to 30 years



Fully integrated with Fuel View software for complete fleet wide management on one platform



Specifications

General Information		
Electrical		
Input Power	100-240 VAC +/- 10% 50/60 Hz 60 watts	
Voltage to Sensors	12 VDC	
Voltage to Probes	28 VDC	
Relay Outputs	120 VAC @ 0.6 amp resistive 3 SPST Failsafe	
Low-voltage Outputs	12 VDC @ 150 mA	
Audio Visual		
Display	Color 7-inch graphic display with touch screen	
Audible Alarm	85 dB piezoelectric horn	
Printer	36-character thermal	
System Status	3 LED's (OK, Warning, Alarm)	
Operating Temperature	20 to 140° F (-7 to 60° C)	
Compatible Sensors	BX-Series Sensors	
BX-Series Sensor Cable	Shielded 22 AWG with drain wire (OMNTEC EC-4) maximum length 2,000 ft (610m)	
Compatible Probes	Rigid Gauging Probe MTG-4* (1219mm) MTG-6* (1829mm); MTG-8* {2438mm) MTG-10* (3048mm) Flexible Fixed Top Probe MTG-F-* Series Flexible Fixed Bottom Probe MTG-FB-* Series <i>*Number signifies shaft length and corresponds to tank diameter. Contact representative for additional lengths.</i>	
MTG Probe Cable	OMNTEC EC-2 (Shielded Belden #8761) Low Inductance equal or less than 0.2 microhenries per foot maximum length 1,000 feet (305m) \ Consult factory for longer wire runs.	
Accessories	RD7CTS RAS PS-103 DPU-C XC-R8 X232-420 DB-485	Mini-Me remote display Series Remote annunciators Thermal printer Thermal paper External relay expansion External RS-232 to 4-20 ma converter RS-485 board
Dimensions	7 x 15 x 5 in (H x W x D)	

* Cap Assembly Kit consists of 2 inch cap, flex conduit, and 3 foot probe cable.

 Contact a Regional Sales Manager for more details.

Contact

ejward.com/contact/



PROTEUS probe

1. Fitting
2. Probe Cable (3 ft)
3. Flex Conduit
4. Cap (2 in)
5. MTG-V Probe
6. Stainless Steel Product Float
7. Stainless Steel Water Float



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SimplyFuel Solutions®