Ward™
Telematics and Fuel Control

Tank Level Sensors

PROTEUS-PK Automatic Tank Gauging and Leak Detection Kit

KEY FEATURES

- Includes up to four magnetostrictive probes with SS floats
- AST Cap Assembly Kit
- Accepts up to 16 Bright Eye™ Sensors
- 1 RS-232 port
- SD memory card slot
- Ethernet/ TCP/IP
- Built in web server
- E-mail / text capability
- Three built-in programmable relays
- Flash based non-volatile memory for program storage (battery not required)

PROTEUS-K 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-PK accepts up to 16 of OMNTEC'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-PK does not require additional modules to drive a remote light and horn, as three programmable on board relays facilitate this function.

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

Options

- 36-character thermal printer
- 1 RS-485 port
- Modbus RTU & TCP upgrade
- CITLD upgrade

See the Ward Brochure for our Solutions Overview.

OMNTEC
Advanced Tank Monitoring & Leak Detection

Specifications

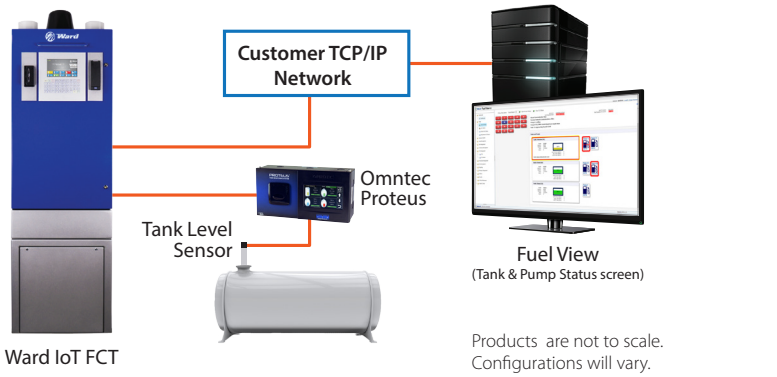
1. Fitting
2. Probe Cable (3 ft)
3. Flex Conduit
4. Cap (2 in)
5. MTG-V Probe
6. Stainless Steel Product Float
7. Stainless Steel Water Float

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 Controls	
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	
Controller	20 to 140° F (-7 to 60° C)
Probe	-40 to 160° F (-40 to 71° C)
Compatible Sensors	BX-Series Sensors (refer to document no. 900106)
BX-Series Sensor Cable	Shielded 22 AWG with drain wire (OMNTEC EC-4) maximum length 2,000 feet (610m)
Compatible Probes	MTG-V Series Inventory only rigid gauging probe up to 132" overall length (refer to document no. 900199)
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 representative for longer wire runs.
Accessories	RD7CTS Mini-Me remote display RAS Series Remote annunciators PS-103 Thermal printer DPU-C Thermal paper XC-R8 External relay expansion X232-420 External RS-232 to 4-20 ma converter DB-485 RS-485 board
Controller Dimensions	7 x 15 x 5 (H x W x D) inches

* Cap Assembly Kit (2IN-CAPAST) consists of 2 inch cap, flex conduit, and 3 ft. probe cable.

Dimensions may vary slightly. Specifications subject to change without notice, verify with manufacturer.

NOTE: PROTEUS PK Tank Gauging Kits do not come pre-programmed.



Products are not to scale.
Configurations will vary.
Other communication options available.

PROTEUS Kit (12/19)

Contact

www.ejward.com/contact

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