SimplyFuel Solutions®

An E.J. Ward, Inc. Company

PROTEUS K

Integrated Tank Gauging

Automated Tank Monitoring and Management

KEY FEATURES

- Fully integrated with Ward Fuel Management Solution
- Accepts up to eight magnetostrictive probes
- Three built-in programmable relays
- Easy to read leak and level alarms
- SD memory card slot (for extended logging)
- Ethernet/TCP/IP
- Built in web server
- SIL rated operating system
- VLD standard
- Flash based non-volatile memory for program storage (battery not required)
- Compatible with OMNTEC PC remote tank inventory monitoring

A brighter future in tank gauging and leak detection has arrived with the PROTEUS-K. Featuring advanced technology, versatility, scalability, and enhanced features like our 7-inch color touch screen. The PROTEUS-K can simultaneously monitor product levels, water levels, temperature, leaks, and much more in up to eight tanks. The flexibility of PROTEUS makes it ideal for a variety of gauging and leak detection applications.

The PROTEUS-K 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 4-wire bus technology.

PROTEUS-K does not require sensor or probe input modules, 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 display screen.

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

OPTIONS

- Up to eight additional dry contact relays
- 1 RS-485 port
- Modbus RTU & TCP upgrade
- CITLD upgrade

See our Capabilities Brochure for our Solutions Overview.

OMNTEC
Advanced Tank Monitoring & Leak Detection

Ward
ELEVATE YOUR PROCESS

Specifications

General Information	
Electrical	
Input Power	100-240 VAC ±10% 50/60 Hz 60
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	7-inch color graphic display 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	B-XSeries sensors
B-XSeries Sensor Cable	Shielded 22 AWG with drain wire (OMNTEC EC-4) maximum length 2,000 feet (610m)
Compatible Probes	**Rigid Gauging Probe** MTG-4* (1219mm) MTG-6* (1829mm) MTG-8* (2438mm) MTG-10* (3048mm)
	Flexible Fixed Top Probe (refer to document no. 900166) MTG-F-* Series
	Flexible Fixed Bottom Probe MTG-FB-* Series
MTG Probe Cable	OMNTEC EC-2 (Shielded Belden #8761)
	Low Inductance equal or less than 0.2 microhenries per ft
	Maximum length 1,000 feet (305m)**
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
Weight	20 lb. (9kg)
Dimensions	7 x 15 x 5 inches (H x W x D) dimensions may vary slightly.
Approvals	UL; CUL

* Number signifies shaft length and corresponds to tank diameter. Contact representative for additional lengths.
** Consult representative for longer wire runs.

Specifications subject to change without notice, verify with manufacturer.

Contact a Regional Sales Manager for more details.

Sourcewell
Awarded Contract

Contact

Simply**Fuel Solutions**®