



OMNTEC
Advanced Tank Monitoring & Leak Detection

PROTEUS®

AUTOMATIC TANK GAUGING AND LEAK DETECTION SYSTEM

OEL8000III-B4 & OEL8000III-B8

A brighter future in tank gauging and leak detection has arrived with the PROTEUS Series. Featuring advanced technology, versatility, scalability, and enhanced features like our 7-inch color touch screen. The PROTEUS-K Series 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 OEL8000III-B is our economical version of the PROTEUS Series. It offers limited features for a low-cost solution to gauging, leak detection, and meeting compliance requirements.



The OEL8000III-B 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 does not require sensor or probe input modules, bringing ease to ordering and installation. A built-in micro-processor gives each sensor the ability to identify itself and its location, which is displayed along with alarm conditions on the PROTEUS's 7-inch color touch screen graphic display.

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

OMNTEC Mfg., Inc. has been certified by DQS Inc. to ISO 9001:2015; Registration Number 10017970.

THE MOST COST-EFFECTIVE / BUDGET FRIENDLY SOLUTION FOR LEAK DETECTION

FEATURES

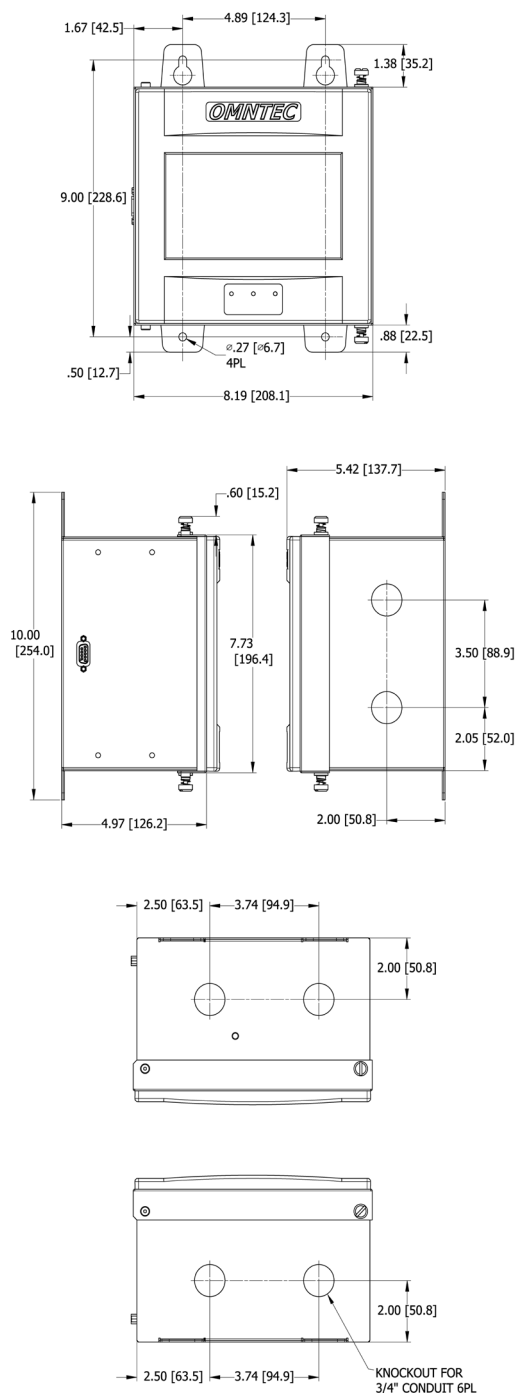
- Accepts up to 4 or 8 magnetostrictive probes
- Accepts up to 16 Bright Eye sensors
- Cost-saving BUSSED sensor technology
- 1 RS-232 port
- Intuitive, icon-driven user interface
- Single PB system diagnostics
- MODBUS, industry standard
- BACNET interface available
- Small footprint
- VLD (static leak test) standard
- CITLD (dynamic leak test) standard
- Advanced system diagnostics

PROTEUS IS THE RESULT OF OMNTEC'S 35 YEARS OF EXPERIENCE AND THOUSANDS OF SYSTEMS INSTALLED WORLDWIDE. PLEASE CONTACT OMNTEC DIRECTLY TO ADDRESS ANY OF YOUR INVENTORY, LEAK DETECTION, AND COMPLIANCE NEEDS. IT WILL BE AN HONOR TO BECOME A TRUSTED RESOURCE TO YOU AND YOUR ORGANIZATION!

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SPECIFICATIONS

Optional Features	CITLD upgradeable Modbus RTU and TCP OMNTEC PC software
Input Power	100-240 VAC +/- 10% 50/60 Hz 50 watts
Voltage to Sensors	12 VDC
Voltage to Probes	28 VDC
Audio Visual Controls	
Display	Color 7-inch graphic display with touch screen
Audible alarm	85 dB piezoelectric horn
System status	3 LED's (OK, Warning, Alarm)
Operating Temperature	20 to 140° F (-7° to 60° 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-RS Series Rigid Gauging Probe (refer to document no. 900194) MTG-FL Series Flexible Fixed Top Probe (refer to document no. 900166) MTG-FB Series Flexible Fixed Bottom Probe (refer to document no. 900162)
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 DDL Series Delivery Defender Lite universal remote overfill alarm X232-420 External RS-232 to 4-20 mA converter C232-BAC Bacnet TCP/IP converter
Weight	20 lb. (9kg)
Dimensions	(h) 7.73" (w) 8.19" (d) 5.42"
Approvals	UL-listed & CUL-listed
Version Summary	

Specifications subject to change without notice, verify with manufacturer.



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