

Wireless, 32 to 96 Tank Gauging System w/Color Touch Screen Suitable for Indoor and Outdoor Applications, Secondary Containment Leak Detection



Console

- Dimensions (W x H x D): 14.3" x 11.8" x 7.9" (363 mm x 300 mm x 200 mm)
Enclosure-Mounted Antenna adds an additional height of 5" (127 mm)
- Weight: 21 lb (9.6 kg) (4-Tank w/ Printer), 23.5 lb (10.7 kg) (12-Tank w/ Printer)
- Operating Temperature: -22 °F to 160 °F (-30 °C to 70 °C) w/o Printer (Consult factory for applications below -22 °F)
-5 °F to 140 °F (-20 °C to 60 °C) w/ Printer
- Humidity: 95% Non-condensing
- Enclosure Rating: Locking NEMA 12 (IP52), NEMA 4 (IP56) or NEMA 4X (IP56) (304 SS)
- Power Requirements: 115/230 VAC ±15% Autoswitching, 50-60 Hz, 30 W Max.
8-16 VDC or 16-60 VDC Optional
- Memory: Configuration/Setup Data – SD Card, 50 year data retention, no batteries
Log Reports – Removable SD Card, 50 year data retention, no batteries
Real-Time Clock – Lithium Battery-Backed
- Audible Alarm: 85 db
- Display: 10.4" (264 mm) Diagonal SVGA LCD w/Integral Touch Panel – Glove Touchable
NEMA 12 - Standard Brightness
NEMA 4X - Sunlight-Readable
Dedicated Ultra-High Intensity POWER, NORMAL, ALARM LEADS, Visible from 75' (22.9 m)
- WiDAM Communications: 902-928 MHz FHSS, 2.4 GHz FHSS optional
- Data Communications: Two (2) RS-232 Included Standard, RJ-13 Jack, Optional Expansion to six (6)
RS-485 Included Standard, RJ-13 Jack (For Pneumercator Peripherals)
Ethernet TCP/IP Port Included Standard
USB Host and Client Included Standard
Internal, Secured Modem, Fax / Modem or Single/Multi-Channel ModBus Optional
- Probe / Sensor Capacities: 32 to 96 Magnetostrictive Probes
128 to 384 Leak/Point-Level Sensors
- I/O, Non-Haz.: Expansion Options (2 slots available):
4 Relays, 1 Form C, Rated 10 A@120 VAC, 6 A@240 VAC, w/ 4 Opto-Isolated Inputs
8 Relays, 1 Form A, Rated 5 A@120 VAC, 5 A@240 VAC, w/ 8 Opto-Isolated Inputs
16 Relays, 1 Form A, Rated 5 A@120 VAC, 5 A@240 VAC
6 or 12-Ch. Programmable Analog Outputs:
0-1 mA, 0-20 mA, 0-24 mA, 4-20 mA, 0-5 VDC, 1-5 VDC

Probe

- Technology: Magnetostrictive, Dual Float, w/ reflection resolution doubling
- Accuracy (Minimum):

MP55xS:	MP56x:	
Product Level: 0.01" (0.254 mm)	Product Level: 0.01" (0.254 mm)	
Water Level: 0.01" (0.254 mm)	Water Level: 0.01" (0.254 mm)	
Temperature: 0.1 °F (0.06 °C)	Temperature: 0.1 °F (0.06 °C)	
- Materials: Shaft: 316 SS or PVDF
Floats: 316 SS, Buna-N, Urethane, or PVDF
- Mounting: 2" (51 mm) minimum riser or direct bushing / flange mount
- Temperature Sensing: 5 Thermistors in shaft, 1 in probe head
- Location Approval: UL Class I, Div 1, Groups C and D; cUL Class I, Zone 0, Group IIB
- Operating Temperature: -40 °F to 175 °F (-40 °C to 80 °C)
- Operating Pressure: 150 PSIG (1034 kPa) 316SS, 50 PSIG (345 kPa) PVDF
- Field Wiring: 22AWG, 3-Conductor w/ shield
Belden 6501FE or equiv., maximum length 50' (15.2 m)
- Models: MP55xS Series rigid SS max. length 24' (7.3 m)
MP56xS Series flex. PVDF max. length 70' (21.3 m)

Sensors

- ES825-400FL Electronic, Discriminating - Containment, Manway and Piping Sumps, Dispenser Pan, Dry Annular, Includes Fault Detection Feature as Standard
- ES825-300FL Electronic, Non-Discriminating - Containment, Manway and Piping Sumps, Dispenser Pan, Dry Annular, Includes Fault Detection Feature as Standard
- LS600LD Float, Containment, Manway and Piping Sumps, Dispenser Pan
- LS600xx Multi-Float, High / Low Level and Pump Control
- RSU800 Float, Wet Annular / Reservoir
- LS610 Float, Dry Annular
- HS100D Polymer / Float – Wet Well, 10' to 25' (4.7 m to 7.6 m) depth
- HS100ND Polymer – Dry Containment, 1' to 6' (0.3 m to 1.8 m) length

Most sensors are available with Fault-Detect Supervised sensor and wiring option. Add "FL" Suffix to Model Number

Remote Displays

- ETD1000 Addressable (up to 16), Multi-Drop, Remote Electronic Tank Display Panel
- RA400 Addressable (up to 16), Multi-Drop, Programmable Remote Audible/Visual Alarm Panel
- ETD1000W Wireless Remote Electronic Tank Display Panel*
- RA400W Wireless Programmable Remote Audible/Visual Alarm Panel*

*Note: MPX200 Master Peripheral Expansion Module required.

Certifications / Approvals

- UL/cUL Approved, File #E139464

Note: Specifications subject to change without notice. 04-12-2017