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Sentry Leak Detection System

NEMA 4X thermoplastic enclosure with liquid leak detection sensor (Polypropylene optical), alarm horn, push button/alarm silence with light and power on light.
Unit operates on 120VAC power.

Installation

- 1) Mount the Leak Detection Panel in an area near the tank. A 25' length of sensor cable is supplied as a standard, but this can be lengthened.
- 2) Bring 120VAC power to panel and make connections to appropriate terminals (L1, Neutral & Ground).
- 3) Connect the sensor to the appropriate terminals on the power strip. Turn on the power to the panel. Place the sensor in a cup filled with water; this will sound the alarm horn. Press the silence button to stop the alarm horn; the pilot light will remain on. Remove the sensor from the water; this will cause the alarm pilot light to turn off and will reset the latching relay. If the test performs as designed, proceed to the next section.
- 4) Mounting of the Leak Detection sensor. Lower the sensor through the supplied fitting, on the tank sidewall, down the interstitial space (area between the inner & outer tanks) until the sensor reaches the bottom of the secondary containment tank. After the sensor has reached the bottom, pull the sensor back up so that it is now just off the bottom of the secondary containment tank (approximately 1/2").
- 5) Verify that all connections are made correctly and are secure. Turn the power on to the panel.

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