LEAK DETECTOR SWITCH
Model RBS

The Model RBS Leak Detection Switch detects leakage into day tank rupture basins and double wall piping leak containment systems containing diesel or distillate fuel oils. For easy installation, the Model RBS is designed for side-wall mounting. For reliability, the switch has redundant vapor and fluid sealing provisions, is lever float operated and magnetically actuated. External to the containment vessel, the Model RBS is protected with a heavy duty cast aluminum NEMA 4 watertight wiring enclosure.

Suggested Specifications
Provide where shown on the drawings a switch for leak sensing on all containment piping within the building. There shall be a switch at the end of each pitched horizontal run. Switches shall integrate with fuel oil management control center. The leak detection switch shall be Preferred Utilities Mfg. Corp., Danbury, CT, Model RBS.

Specifications:
Mounting: 1/2" NPT
Insertion Depth: 3 ½" Nominal
Fluids: Water, light fuel oils
Fluid Temperature: 150° F maximum
Fluid Specific Gravity: 0.65 minimum
Fluid Pressure: 25 PSIG maximum
Electrical: 8 VA Pilot Duty @ 120 VAC
Switch Action Can Be: SPST-N.C./N.O. (depending on installation orientation - switch shown N.O.)
Electrical Housing: Cast aluminum, NEMA 4
Wetted Parts: Steel and nylon 66

Ordering Information
Model RBS

Specifications subject to change without notice.

PUMP SET LEAK DETECTOR SWITCH
Model PS-LDS

The Model PS-LDS pump set leak detection switch detects leakage into the base pan of a pump set. The switch installs easily into a mounting bracket (included) which welds to the side of the pump set base. The switch is activated by a magnetic float.

Suggested Specifications
Provide in the pump set containment base a leak sensor to shut off pumps and energize an audible and visual alarm should a leak occur. Switch shall be plasma welded stainless steel float operated and fully contained within the pump set containment base pan for maximum protection from impact damage. Float shall be suitable for temperatures up to 250° F and pressures up to 300 PSIG. Pump set leak detector shall be a Preferred Utilities Mfg. Corp., Danbury, CT, Model PS-LDS.

Specifications:
Switch Action: SPST, N.C.
Fluid Temperature: 250° F maximum
Fluid Specific Gravity: 0.75 minimum
Fluid Pressure: 300 PSIG maximum
Electrical: 50 VA maximum
Electrical Housing: Cast aluminum
Wetted Parts: All stainless steel

Ordering Information
Model PS-LDS

Specifications subject to change without notice.