DMS 470/570 Series Leak Detection Systems for UST and AST Storage Tanks

- Low Cost
- ▶ U.L. Approved Intrinsically Safe
- **Easily Maintained**
- Audio/Visual Alarm

The DMS 470/570 monitoring systems are ideal for a number of UST and AST monitoring applications. The DMS 470 includes an audible bell while the DMS 570 uses a piezoelectric horn. Applications include vapor monitoring of monitoring wells surrounding single wall tanks, high/low product level alarms, vapor sensors for single wall piping and piping sump sensors for double wall piping.

Auxiliary Contacts

Auxiliary alarm contacts are also available for interfacing to remote alarms, computers, tank gauging systems, phone dialers, etc.

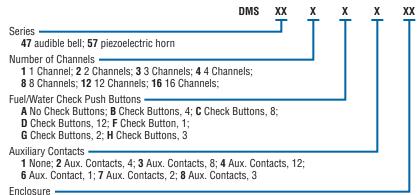
Specifications

SPDT (1 form C), one normally open, one normally closed
120 VAC or 30 VAC, 10A, 1/3 h.p.
0-50,000 ohms max. specific resistance
Terminals; 7 N.C., 8 com, 9 N.O.
120 VAC (+10%/-15%) 60 Hz
Nominal 12 VAC @ 6ma RMS
One relay contact per channel
Terminals: Size four (4) pan head screw with a clamping plate; will accept up to 14 AWG.
NEMA 3R; optional NEMA 4, Weather-proof; optional NEMA 4X, Fiberglass
-40°F to +150°F (-40°C to +65.5°C)
U.L. Listed (U.L. 913) E120178

^{*}For media discrimination in-storage tank

How to Order

Use the **Bold** characters from the chart below to construct a product code. One set of auxiliary contacts is standard with every four (4) channels supplied. A common test button is standard for every four (4) channels supplied. The fuel/water check buttons listed below are used to distinguish water or hydrocarbon when three wire sensors are used. Each sensor or detection point requires its own channel.



N4 NEMA 4 option; N4XFG NEMA 4X fiberglass option



Applications

Above Ground Fuel Storage Tanks (AST)

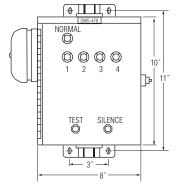
- · Leak Detection
- Overfill
- Refill

Underground Fuel Storage Tanks (UST)

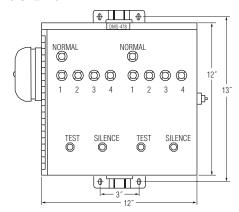
- High Level Alarm
- · Leak Detection
- · Piping Sumps
- · Monitoring Well

Dimensions

4 Channel



8 Channel



See Our Interstitial Tank Monitoring Products on page A-22.

