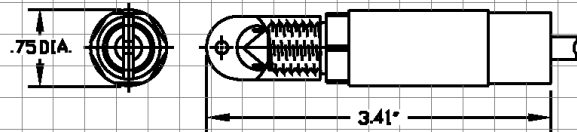


## Product-Distinguishing Secondary Containment Leak Sensor with Fault Detection



### Outline Specifications



### Product Description

The Model ES825-200F is a solid state, electronic, product distinguishing leak sensor utilizing both electro-optical and conductivity technologies to detect and differentiate between hydrocarbon-based liquids and water in secondary containment applications. The sensor contains no moving parts, is unaffected by vapors, and due to its compact size is ideal for interstitial spaces. When connected with a TMS series controller, the ES825-200F supports Pneumercator's FAULT-DETECT supervised wiring technology, which automatically detects sensor or field wiring faults.

### Applications

- Dry Annular Space in Double-Wall Tanks
- Containment, Manway and Piping Sumps
- Dispenser Pan
- Turbine Enclosures

### Specifications

- Technology: Electro-optic and conductivity, no moving parts
- Wetted Materials: Polysulfone, PVC, Epoxy and 316SS
- Operating Temperature: -40° to +175°F (-40° to +80° C)
- Cable: 22AWG, 3-Conductor, PVC Jacket, 25' Length
- Pass-thru Opening Size: Minimum 3/4" NPT
- Location Approval\*: UL Class I, Div 1, Groups C and D

### Installation

Sensor may be suspended by its cable, placed on the containment or sump floor, or thru-wall mounted via a 1/4" FNPT opening. For dry annular applications, sensor may be pulled through using fish tape attached to sensor pull ring, or pushed through with a section of 1/2" ENT (not included) attached to the back end of the sensor.

### Certifications/Approvals

- UL Approved, File #E139464, CSA approval pending
- Third-Party EPA Listed\*

\*When used in conjunction with the TMS series controllers



Pneumercator Company, Inc.  
120 Finn Court  
Farmingdale, New York 11735

Note: Specifications subject to change without notice. 12-07-2000

Tel: 631-293-8450  
Fax: 631-293-8533

<http://www.pneumercator.com>