

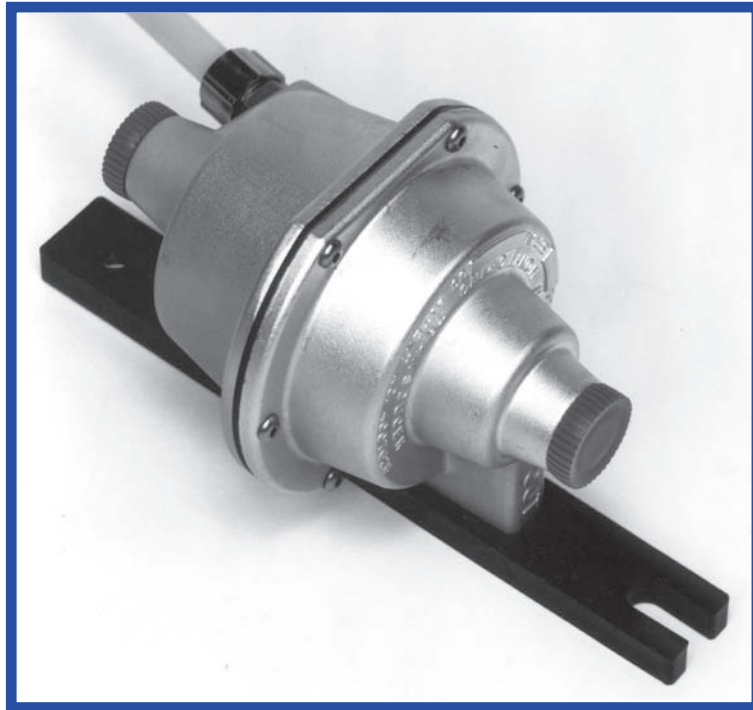


 **Where Ideas Meet Industry**



**Radiodetection**  
Dielectric Technologies  
AN SPX BRAND

## 55X Series Flow Transducer

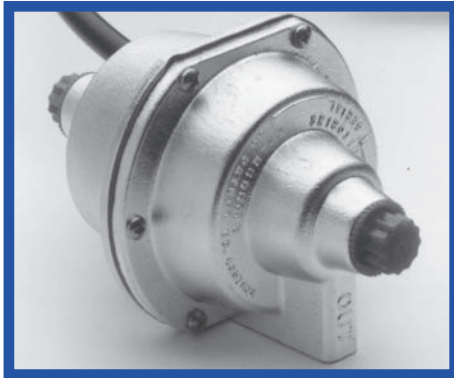


The Dielectric 550 Series Flow Transducers represent the state-of-the-art for monitoring air flow in pressurized telephone cables. The primary purpose of a flow transducer is to quickly detect changes in a pressurized system. The flow transducer is a tool that is used to indicate the seriousness of an alarm condition, accurately dispatch a technician to the leak location, and determine when the problem has been corrected.

The Dielectric 550 Series Flow Transducers utilize a thick film resistor array to provide a highly accurate 40-step range, and are the most reliable non-powered flow transducers on the market.

# 55X Series

## Flow Transducer



### Features

- High resolution detects and accurately pin-points leaks.
- Improves protection of air pipe systems, reducing labor costs.
- Eliminates daily manual readings of central office systems.
- Increases dispatch accuracy with proper analysis of flow.

### Applications

- Air pipe panels
- Distribution panels
- Individual cables
- Remote air dryers
- Field manifold locations

### Specifications

Model	SCFH	SCFD
Mark 551	0—10	240
Mark 552	0—20	480
Mark 553	0—50	1200
Mark 555	0—100	2400
Mark 556	0—200	4800

**Sensitivity:** 40-step range is responsive to changes as small as 0.25SCFH per step.

**Accuracy:** Within  $\pm 5\%$  of full flow over the entire range.

**Operating Temperature:**  $-40^{\circ}\text{F}(-40^{\circ})$  to  $+130^{\circ}\text{F}(+54^{\circ}\text{C})$

**Dimesnsions:** 4-11/16"high X 3-9/16" diameter

**Weight:** 1.8 lbs.

**Construction:** Casings are of corrosion-resistant plated manganese bronze.

### Ordering information

Dielectric Flow Transducers come complete with the following components:

Mounting Brackets

Mounting Screws

15 feet of #24 AWG Conductors in 3/8" O.D. Black Poly Tubing

### Warranty

Radiodetection warrants that its flow transducers shall be free from defects in workmanship and materials for one year. For details please see warranty statement.

# Specialists in Cable Pressurization

## World leaders



Radiodetection is a proud member of the SPX group of companies, which provide technical products and service solutions worldwide.

Radiodetection and its associated companies specialize in the design and manufacture of products for the location and maintenance of underground pipes and cables. Our aim is to be viewed as the supplier of choice of 'high performance' quality equipment using advanced product technologies. We are also committed to both design innovation and customer support.

## Technical support



Radiodetection equipment users have easy access to technical support. A call to your regional representative, or the Radiodetection head office, will put you in contact with our team of field-experienced technical experts.

## Servicing and repair



Radiodetection has a team of factory-trained service technicians and dedicated service facilities. Turnaround is fast, and costs are very competitive.

## Training



Product training for your operators and training personnel is available on your site, or at Radiodetection's headquarters. Training is with qualified instructors and each trainee receives a certificate to confirm they have received the training.

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