**DIFFERENTIAL PRESSURE SENSORS**

**Normally-On Single Stage Pressure Repeater**

Normally-On Single Stage Pressure Repeater for off-on control of an adjustable reference pressure when a sensed pressure moves above or below the reference pressure level.

![Diagram of Normally-On Single Stage Pressure Repeater]

**Part No.** 1043  
**Description** Single Stage Pressure Repeater

**Part No.** 1044  
**Description** Two Stage Pressure Repeater

**Normally-Off Two Stage Pressure Repeater**

Normally Off Two Stage Pressure Repeater for off-on control of an adjustable reference pressure when a sensed pressure moves above or below the reference pressure level.

![Diagram of Normally-Off Two Stage Pressure Repeater]

**Medium:** Reference pressure - air  
Sensed pressure - Air, gas, or liquid

**Input Pressure:** 1 to 150 psig max.  
**Air Flow:** 0.029” orifice

**Response Time:** 5 milliseconds  
**Differential Sensitivity:** 2%

**Frequency Response:** 60 Hz

**Materials:** Anodized aluminum body, Nitrile diaphragms

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**Description** Two Stage Pressure Repeater

1.370 dia.

#10-32 thd. adjustable reference pressure

#10-32 thd. sensed pressure

0.010 dia. bleed restrictor

0.656

1.092

1.302

0.010 dia. bleed restrictors

#10-32 thd. output

1.370 dia.