**ASD Pressure Strap Transducer**

The first non-invasive pressure transducer

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**Mechanical**
- Material: Stainless Steel Construction with Aluminum Electronics Housing
- Connector: Customer Specified Connector
- Pressure Range: Only limited by Customer's Equipment (Passive Measurement)
- Overload: Only limited by Customer’s Equipment (Passive Measurement)

**Electronic Certifications**
- Intrinsically Safe Certified by Electronics Manufacturer
- Locations: Zone 1 when used with an approved safety barrier.

**Electrical**
- Supply Voltage: 10-28 VDC
- Current Requirement/Output: 4 - 20 mA
- Output: 2 wire current loop
- Accuracy: Waiting for third-party verification.
- Stability: (1 Year) ±0.25%FS, typ
- Zero Offset: <±1% of FS
- Span Tolerance: <±2% of FS
- Output Load: 0-800 Ohms @ 10-28VDC

**Temperature**
- Operating: -40 to 85°C (-40 to 185°F)
- Storage: -40 to 100°C (-40 to 212°F)

**Thermal Limits**
- Compensated Range: 0 to 55°C (30 to 130°F)
- Temp. Comp. Zero: <±1.5% of FS
- Temp. Comp. Span: <±1.5% of FS

**Other**
- Shock: 100G, 11 msec, 1/2 sine
- Vibration: 10G peak, 20 to 2000 Hz.
- EMI/RFI Protection: Yes
- Rating: IP-66
- Reverse Polarity Protection: Yes

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1. The unit is Intrinsically Safe. 4-20 mA standard output pressure transducer.
2. Stainless Steel Strap with Aluminum Housing
3. Connector – Client Specified
4. IS certification to ATEX in place, Canadian and AEx (US) Certs are planned.
5. Pressure rating specified by client and is only limited by Client's Equipment.

Pressure Strap Transducer (left) provides accurate pressure readings without penetrating the pipe (center & right).