ASDH Pressure Strap Transducer Datasheet

**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: 2-3% Full Scale
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

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.