

Low Cost Pressure Transmitter

Introduction

The Low Cost Pressure Transmitter Tuckson is a low cost general purpose pressure transmitter well-suited to measure compatible gases and liquids.

Applications

Hydraulic, irrigation equipments, HVAC, compressors, pumping systems, refrigeration, or OEM applications where performance, reliability and low cost are needed.

Features

- +/- 0.5%, 1% full scale accuracy
- St/St case
- St/St, ceramic and viton wetted parts
- Resists shock and vibration
- IP65
- CE approved

Specifications

Ranges: 0-1Bar...0-500Bar (0-15psi...0-7500psi)

Accuracy: ± 0.5%, 1%FS (includes linearity, repeatability, hysteresis)

Case: stainless steel

Wetted parts: Process connection: stainless steel, sensor: ceramic, seal: viton

Output: 4-20mA

Power supply: 10-30VDC

Output mode: Two-wires

Proof pressure : 1.5 times of full scale

Electrical connection: Mini DIN

Enclosure rating: IP65

Insulation: ≥10MΩ@50V

Response time: <10msec

Vibration: 10g/5...2000Hz X/Y/Z axis

Shock: 20g 11ms

Process connection: 1/4"NPT male (other connections are available)

Long term stability: +/-0.4% FS/Year

Operating temperature: -40 to 100°C

Storage temperature: -50 to 125°C

Compensated temperature: -10 to 80°C

Weight: 90g

Certification: CE

Wiring protection: protected against reverse polarity

