



DESCRIPTION

The APS600 is a silicon piezo-resistive permanent pass thru down hole gauge with 1 pressure port that monitors temperature and pressure. The optional accelerometer measures 3 axis vibration. Proprietary technology is used to digitize the pressure, temperature and vibration readings for the ASR200 surface readout. The fully assembled APS600 with the Kemlon Cover and the TEC support tube provide a dual seal at the TEC cable head. The TEC cable head options are 1/8", 1/4" or 4mm OD. The pressure fittings is 1/16" FNPT.

FEATURES

- 0-150°C Operating Temperature
- Up to 24 APS600's On One TEC Cable
- Multiple Cable Head Options
- Hybrid Electronics
- PT100 RTD Temperature Sensor
- Optional 3-Axis Accelerometer
- 2 Pressure Ports
- 3 Pressure Ranges
- 4 readings per second

Specifications

Operating Temperature Range	0°C to 150°C
Maximum Temperature	175°C
Temperature Accuracy	± 1.0°C
Temperature Resolution	0.006°C
Temperature Drift	<0.5°C
Pressure Range	1K, 6K, 10K PSIA
Pressure Accuracy	±0.2% Full Scale
Pressure Resolution	0.18 PSI
Pressure Drift	<0.15% Full Scale Per Year
Accelerometer	X, Y, Z Axis +/- 10G 51,200 Counts per G
Length, Diameter	21", 0.750"
Material	Stainless 316L, Duplex 2205, Inconel 718
Port Configuration	1/16" FNPT

Ordering Guide

Pressure	Temperature	Material		
		316 SS	2205 Duplex	Inconel 718
1,000 PSIA	150°C	600-01K-S-X-Y	600-01K-D-X-Y	600-01K-I-X-Y
6,000 PSIA		600-06K-S-X-Y	600-06K-D-X-Y	600-06K-I-X-Y
10,000 PSIA		600-10K-S-X-Y	600-10KD-X-Y	600-10K-I-X-Y

X - Pressure Fittings: 1 = 1/16" FNPT

Y - Accelerometer: 1 = No, 2 = Yes