

# KPerm™ Multi-Drop Downhole Gauge



Probe Multi-Drop Gauges are based on our field proven permanent piezo gauge technology. Up to 6 gauges can be run on a single TEC cable conductor. All gauges continuously provide accurate pressure and temperature data to surface, where it is displayed real-time via a single surface readout. The gauges are internally and externally E-beam welded, and designed for maximum shock and vibration resistance to enhance reliability and performance.

## Ratings & Dimensions

<b>Max temperature</b>	257° (125°/ 302°F (150°C))
<b>Pressure Range</b>	3kpsi, 5kpsi, 10kpsi & 15kpsi
<b>Outer diameter</b>	1.19 in (30.2 mm)
<b>Length</b>	19.0 in (482 mm)
<b>Weight</b>	3.5 lbs (1.59 kgs)
<b>Materials</b>	Nitronic 50 or 718 Inconel NACE MRO 175

## Hardware Characteristics

<b>Transducer type</b>	Piezo resistive
<b>Acquisition mode</b>	Surface Readout Panel (SRO)

## Pressure Measurements

<b>Pressure Range</b>	3kpsi, 5kpsi, 10kpsi & 15kpsi
<b>Sampling Rate</b>	1 sps
<b>Resolution</b>	0.0003% F.S.
<b>Accuracy</b>	0.024% F.S. or 0.05% F.S.
<b>Drift</b>	< 3 psi / year

## Temperature Measurements

<b>Max temperature</b>	302°F (150°C)
<b>Resolution</b>	0.005% F.S.
<b>Accuracy</b>	± 1°C

## Electrical Specification

<b>Max data</b>	Continuous data stream
<b>Interface</b>	KPerm SRO
<b>Operating Voltage</b>	24Vdc
<b>Operating Current</b>	12 – 34 mA
<b>Max Number of Gauges</b>	6