

DATASHEET

Product Description

The WellMonitor™ ESP gauge is a reliable field proven system that incorporates the latest in engineering, manufacturing and quality principles to deliver a trusted solution that can be deployed time and again with confidence.



Fast data update rates provide downhole visibility, capturing events as they happen, enabling real-time well management and optimization at surface.

High accuracy sensors and high-resolution measurements provide meaningful data for interpretation, analysis and ESP management.

Key Features

- Field proven reliability
- Fast data update rate
- Slimline gauge body with 3.75" or 4.50" flange connection
- Temperature rating from 257°F to 347°F
- Pressure rating from 2,900psi to 10,000psi



Standard parameters include Pump Intake Pressure (**Pi**), Pump Intake Temperature (**Ti**), Motor Oil or Motor Winding Temperature (**Tm**), Two-Axis Vibration (**Vx**, **Vy**), Current Leakage (**Cl**) and Signal Quality (**Sq**). Optional upgrades include a 2,900psi, 5,800psi or 10,000psi rated sensor to measure Pump Discharge Pressure (**Pd**).

Specification

Parameter	Rating			Accuracy	Resolution	
	2,900psi	5,800psi	10,000psi		0.1psi	0.01psi
Intake Pressure	2,900psi	5,800psi	10,000psi	+/-0.1% FS	0.1psi	0.01psi
Intake Temperature	125°C	150°C	175°C	+/-1C	0.01C	
Motor Temperature	300°C			+/-1C	0.01C	
Discharge Pressure	2,900psi	5,800psi	10,000psi	+/-0.1% FS	0.1psi	
Vibration	+/-16g			+/-1% FS	0.001g	
Current Leakage	25mA			+/-0.2% FS	0.01mA	

Material	13Cr stainless steel	
Diameter	3.75"	95mm
Length	40"	1,000mm
Weight	73lbs	33Kg
Top Connection	3.75" (6-hole flange)	4.50" (6-hole flange)
Bottom Connection	2-3/8" EUE 8 RND Box	
Maximum Hanging Weight	25,000lbs	11,000Kg
Maximum operating pressure(s)	5,800; 10,000psi	
Maximum AC operating Voltage	3,000V phase to ground	5,000V phase-to-phase
Insulation test rating	Reverse polarity 5kV DC (max) for 10s. Recommended test voltage to 2.5kV	

* Specifications are subject to change. Alternative specifications are available upon request.