

TITLE: HIGH PRESSURE STANDPIPE / CASING PRESSURE SENSORS

DEPARTMENT: TECHNICAL SUPPORT

DESCRIPTION:

High Pressure transducers, designed for rigs operating with manifolds requiring monitoring of pressures in excess of 10,000 psi.

Common pressure ratings used are 15,000 psi. These sensors are used with fully compliant high pressure rated fittings / flanges and hoses as required.



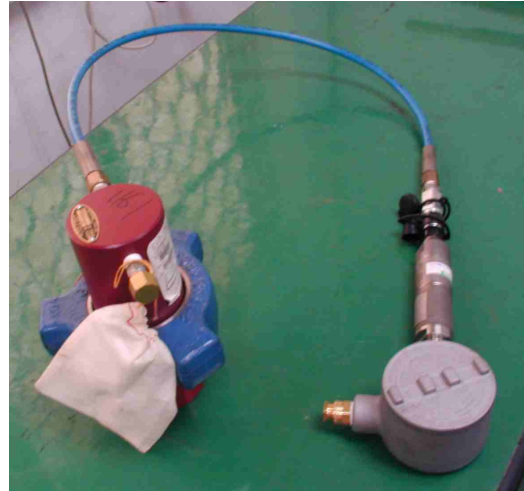
A. Standard Unit Specifications

BRAND:	Sensotec
MODEL:	A-5/E124-04A5G
SENSOR TYPE:	Stainless Steel, Diaphragm
INSTALLATION LOCATION:	Choke Manifolds, Casing manifolds, Standpipe Manifold, Cementing Units, etc.
MEASURING RANGE:	0 - 30,000 psi (35 mbar – 2000 bar).
ACCURACY:	± 0.5% Full span. Usually 75 psi
REPEATABILITY:	± 0.07% Full Span. Usually 105 psi
TEMPERATURE RANGE	-54 – 121 deg C. Temperature Compensation available.
APPROVALS/CERTIFICATION:	LCIE Approved – LCIE 98.E6047 X EEx ia IIC T4 Intrinsically Safe.
OUTPUT:	Chart Recorder, DLS System, Digital Monitors.

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A. Standard Unit Specifications

BRAND:	Viatran
MODEL:	584
SENSOR TYPE:	Diaphragm
INSTALLATION LOCATION:	Choke Manifolds, Casing manifolds, Standpipe Manifold, Cementing Units, etc.
MEASURING RANGE:	0-15,000 psi.
OVERPRESSURE LIMIT:	20K PSI
SENSITIVITY:	±0.1% of SPAN
ACCURACY:	±0.5% of SPAN
RESPONSE TIME:	200 ms (Time Constant) 20 times/second (Update Rate)
STABILITY:	±0.5% FSO per 6 months
APPROVALS/CERTIFICATION:	FM approved intrinsically Safe for use in Class I, II, & III, Division 1, Groups A thru G, indoor and outdoor hazardous location.
OUTPUT:	Chart Recorder, DLS System, Digital Monitors.

APPROVAL:

 Dept. Supervisor : VICTOR SAET Date: 21st NOV 2002

 Technical Committee : ALAN MORRISON Date: 21st NOV 2002