MODEL - CAL50-3
3 Pin Connector
0…10,000 psig
4…20 mA

www.rhinotransducers.com
1-855-925-4520
MADE IN AMERICA

RHINO TRANSDUCERS

PRESSURE TRANSDUCERS FOR MEASUREMENT WHILE DRILLING

Compatible with ALL MWD Surface Systems, Rhino Pressure Transducers offer noise isolating technology to help your positive pulse measurement while drilling tool get to deeper depths with better decode, quality and telemetry confidence. With its rugged design, the Rhino Pressure Transducer will work on any WECO 1502 hammer union fitting.

FEATURES

RUGGED DESIGN
Built for the toughest Rig Site environments

NOISE ISOLATING TECHNOLOGY
Designed for AC Top Drive Rigs and Conventional Rotary Rigs

3 MONTH WARRANTY
Quick Repairs – Made in America

OPERATIONAL PARAMETERS

Pressure Ranges	0 - 10,000 psig
Amperage	4 - 20 mA
Voltage	8 – 30 V
Operating Temperature	-40C – 150C
Compatible with all MWD Surface Systems	

MODEL - CAL50-6
6 Pin Connector
0...10,000 psig
4...20 mA

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RHINO PRESSURE TRANSDUCER SPECIFICATIONS

PERFORMANCE

Accuracy	+/- 0.25% BFSL LINEARITY
Thermal Error	< +/- 0.010 FSO/F Typical
Insulation Resistance	> 100 megohms
Frequency Response	1000Hz to 5K Hz
Temperature Operating	-40C to 150C

ELECTRICAL

Supply Voltage	8 VDC to 30 VDC
Output Signal	4 mA - 20 mA
Voltage	8 – 30 V
Circuit Protection	Reverse Polarity Protection
RFI/EMI Protection	Up to 2.9 GHz

SPECIFICATIONS	MODEL CAL50-6
Approvals	UL, CSA, GOST
RoHS-Conformity	Yes
CE-Conformity	
• Pressure Equipment Directive	97/23/EC
• EMC Directive	89/336/EEC emission (class B) and immunity according to EN 61 326
Shock Resistance	500g according to IEC 60068-2-27 (mechanical shock)
Vibration Resistance	10g according to IEC 60068-2-6 (vibration under resonance)
Wiring Protection	
Overvoltage protection	36VDC with 4... 20mA
Housing Material	Double wall stainless steel construction
Weight	10.0 lbs

MODEL - CAL50-6
6 Pin Connector
0…10,000 psig
4…20 mA

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RHINO PRESSURE TRANSDUCER DIMENTIONS

5.25 nominal

Ø3.25

Ø3.70

3.25"