



**MODEL – TWN-6**  
**6 Pin Connector**  
**0...10,000 psig**  
**4...20 mA**

[www.rhinotransducers.com](http://www.rhinotransducers.com)  
**1-855-925-4520**  
**MADE IN AMERICA**

**PRESSURE TRANSDUCER FOR MEASUREMENT WHILE DRILLING**



Compatible with ALL MWD Surface Systems, Rhino Pressure Transducer Twinducers 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 Twinducer will work on any WECO 1502 hammer union fitting. The TWN model offers two separate pressure transducers that can be used individually or in unison for ultimate decode with the downhole positive pulse MWD tool. When used individually a crossover cable can be used to change from transducer one to two for troubleshooting circumstances.

**FEATURES**

**DUAL TRANSDUCER DESIGN**  
 Redundancy or Dual Pressure Transmission

**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**



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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 TWN-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	Jacketed
Overvoltage protection	36VDC with 4... 20mA
Housing Material	Double wall stainless steel construction
Weight	12lbs



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## RHINO PRESSURE TWINDUCER DIMENTIONS

