

Relative Bearing Tool

Real time, downhole perforating string roll and inclination measurement for orientation and well quality assurance



Impact Selector's Perforating Relative Bearing Tool is a ballistic-rated wireline measurement device which verifies perforating orientation and provides an indication of wellbore quality during pump down perforating operations, giving the operator increased control and accuracy.

The high resolution, solid state 3-axis accelerometers provide the industry's most straightforward measurement for validating gun orientation prior to initiating gun firing, thereby allowing time for gun repositioning and/or understanding the actual shot direction.

Features

- ▶ Accurately measures real time roll and inclination.
- ▶ Plug and Play—no special panels or hardware required.
- ▶ Compatible with Warrior System and commercial perforating switches.
- ▶ Simple field calibration.
- ▶ No internal seals or parts to maintain.
- ▶ Ballistic service compliant.

Benefits

- ▶ Verifies tool orientation for advanced perforating.
- ▶ Wellbore quality indicator during perforating with dynamic roll and inclination.

Tool Specifications

Outside Diameter (in / mm)	2.75 / 69.9
Connections Pin / Box (in)	1-5/8" - 6 ACME
Maximum Temperature (°F / °C)	350 / 175
Maximum Pressure (psi / MPa)	20,000 / 138
Make Up Length (in / mm)	18 / 457
Weight (lbs / kg)	23 / 5.4
Thru Wire (single) (V)	600
Operating Voltage (Vdc)	20 to 50
Current Draw (mA)	35
Shock Rating (g, ms)	5,000 , 1.0



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