



QUARTZ FOR DRILLERS

Prior to now, Quartz based pressure sensors were only available to premium providers, at a premium price. Now, enabled by technological advancement, all drillers can experience the benefit of True Quartz for the most important measurements in the drilling operation. As always you can count on the rugged nature of our transducer for high field reliability in the most demanding environments. Beyond this, the long-term stability of our quartz transducer also increases tool up-time by reducing the frequency of calibration and service. Contact us now to learn more and request a quote.



DHB103
Transducer

Metrology / Operation

- Size 0.5" x 4.38"
- Calibration Range – 30ksi 177°C
- Accuracy Rating: 0.1% F.S.
- Drift @ Max Temp & Pressure: 0.1% F.S. / year
- Proof Pressure: 35ksi
- Hybrid Electronics Rated to 200°C
- Digital I2c Output

Environmental

- Random Vibration: 10 – 2000 Hz, 15 grms or 10-500 Hz, 20 grms, 15 minutes
- Sine Sweep: 10-2000 Hz, 10 g, 10 minute sweep, 5 minute dwell at any noted resonances
- Low Level Shock: 40 g, 11 ms half-sine, 20 bi-directional shocks
- Drop Shock: 500 g, 2 ms half-sine, 25 drops

Contact Quartzdyne

801-839-1000

Fax. 801.266.7985 sales@quartzdyne.com

www.quartzdyne.com

Quartzdyne 4334 W. Links Drive, Salt Lake City, Utah 84120

© 2017 Quartzdyne, Inc. All Rights Reserved. QUARTZDYNE, the Crystal Logo, and DOVER are trademarks of Dover Corporation and affiliates.