

# KEYDRILL UNIVERSAL PULSER DRIVER

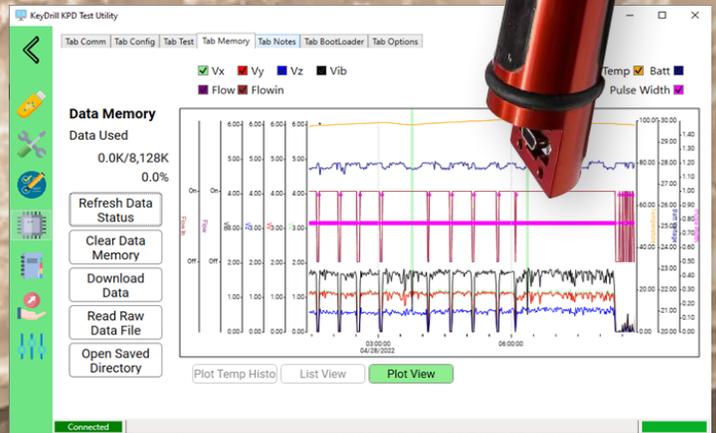


## Overview:

The KeyDrill Pulsar Driver (KPD) is a universally designed driver that is compatible with most mud-pulse pulsers on the market. Its low power consumption can extend the battery life. The robust shock/vibration damping can protect the driver module from the severe conditions of rough drilling while maintaining excellent detection of flow status. The hall sensor failure mode reinforces the reliability and stability of the pulser driver even when one or more hall sensors fail to function downhole. The pulser continues to operate, eliminating the need to trip. The onboard flash memory can record up to 800 circulation hours of memory data with detailed numeric data; pulse information, temperature, battery voltage, flow sensors readings, etc.

## Features:

- High Vibration/Shock resistance
- QBus compatible
- Onboard flash data memory
- High-speed Pulsing (up to 0.125s PW)
- Hall sensor failure mode
- 175°C and 185°C available
- Low noise when running with Babelfish receiver and Orbit RSS



## Specifications:

Operating Voltage:	18V to 36V
Max Operating Temperature:	175°C and 185°C available
Dimensions:	11" x 1.4" x 1.4"
Shock:	1,000g / 0.5 millisecond
Vibration:	20g RMS 30-500 Hz Random; 40g all axes
Power consumption:	10mA quiescent at 28V
Connection type:	15 pin MDM
Flash memory size:	16MB

