

Pulser Driver Electronics Module: PDEM

The PDEM is a rugged field-proven brushless DC motor driver for use with the motor-driven servo-actuators found in standard pulsers. The PDEM has been designed to optimize telemetry rates and intelligently manage power consumption.

ADVANTAGES

- ✓ Rugged and field-proven design
- ✓ Always-on Pulser Driver MPU module with dedicated power-cycled Motor Control MPU module
- ✓ User-adjustable limits for motor-current battery draw provide optimized power management
- ✓ 3-axis accelerometers provide more reliable flow detection than the competition
- ✓ Internal diagnostic recorders aid job planning and post job review
- ✓ Plug-and-play compatibility with industry standard telemetry equipment provides for easy integration

FEATURES

- ✓ Ruggedized packaging and 175°C rated
- ✓ Compatible with most motor-driven pulsers
- ✓ Responds to standard pulser control logic signals



Easy plug-and-play integration



Molded modules are durable and serviceable



Highly reliable lap-joint MDM connectors.



PRODUCT INFORMATION

Enteq XXT Downhole Tools



SPECIFICATIONS

| | | | |
|---------------------------|------------------------------------|------------------------|---------------------------------------|
| Length: | 23.45 inches | Flow Detection: | 3-axis accelerometer |
| Diameter: | 1.36 inches (excluding O-rings) | Compatibility: | XXT and GE/Tensor 10-wire Tool Bus |
| Operating Voltage: | 16-36Vdc | Temp Rating: | 175°C |

The complete Enteq product range

Enteq Upstream provides next-generation MWD systems and components for Directional Drilling. Enteq is pursuing a focused acquisition strategy and investing in product development in order to provide a range of technologies and products to global and regional service companies.

Enteq XXT Downhole Tools

- Directional Sensors
- Directional Interface Module
- Positive Pulser
- Pulser Drivers
- Translator Modules
- Vibration Monitor
- Dual Gamma Interface

Enteq XXT Surface Gear

- Mud Pulse receiver cards
- Surface Translator: Tool to PC
- Full Laversab PC surface system

Enteq XXT Software

- A full suite of programming and MWD output software with multiple specialized applications

Enteq KMS

- MWD mechanical parts
- Mud motor parts
- Float valves
- Fabrication services

MK-100257-02A

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