

iPGM

Intelligent Pulser Gamma Module

Shorten Your Tool String Integrate Gamma into Your Pulser

Tolteq's iPGM (Intelligent Pulser Gamma Module) introduces a revolution in MWD pulsers; Gamma combined with the proven Tolteq pulser in one module. Shorten your tool string and bring modern technology to your system at a fraction of the price.

60.27"



iPGM Features

- Gets Gamma 5.5 feet closer to the bit
- Less time to assemble
- More logging features
- Enhanced circuit protection features
- Add or remove Gamma as needed
- No capacitor bank
- Eliminate noise in Downhole Electrical Tool System
- Incredible reliability, even in the toughest LCM environments
- Interfaces with Legacy MWD system
- Internal current consumption logged to memory
- Quality Tolteq wiring inside with strain-relief connectors and high-temp mesh covering for wires
- Simplified Single Coil Design

Advanced Features

- Operational time and environment history recorded in internal memory*
- Integrated 3-axis digital flow switch
- Shock and vibration monitoring and logging*
- Flow switch values and performance logging*
- Over 400 operational hours on a single battery

*Requires Tool Tracker™ to download

Physical Specifications

- Length (w/end caps)..... 60.27" (1.53 m)
- Diameter 1.875" (0.047 m)

Electrical Specifications

- Operating Voltage Range:..... 20V-30V
- Current Usage:..... 15mA Idle

Environmental Specifications

Parameter	Minimum	Maximum	Units
• Operating temperature	0 32	175 347	°C °F
• Survival temperature	-40 -40	185 365	°C °F
• Vibration, Random	20g RMS 15-500 Hz		
• Shock	1000g 0.5mSec. half-sine		

Transforming downhole data into downhole intelligence

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