



EPIC™ Flying Leads

EPIC™ Switches

GEODynamics' EPIC™ Switches offer the industry's only digital switches capable of being field configurable to rapid firing mode, allowing them to function more like a pressure switch while preserving the safety and intelligence of an addressable system.

EPIC™ Switch with Flying Leads—The five (5) wired switch facilitates compatibility with standard pass-through bulkheads and non-ported subs, offering unparalleled flexibility.

On surface, the EPIC™ Test box is used to inventory the perforating string. The inventory process is repeatable while running in hole as a verification of viable switches.

COMMON FEATURES

- Intrinsically safe
- Shoot on-the-fly
- Dual fire (switch types: normal or Set/Fire)
- Viable switch count before each shot—checks connections to detonator, feed-through, and ground
- Stable communications protocol capable on over 34,000ft (10,363m) of 0.288in (0.7315cm) greaseless line cable
- Plug set and fire first gun from a single switch (dual fire capability)
- Independent Third Party Organization (ITPO) certified RF Safe, ESD Safe, and API RP67 compliant
- All wired connections, including detonator, safely tested with the EPIC™ Test box
- Fully tested post-manufacturing; Quality Assured to ISO:9001:2015

ADDRESSABLE FIRING MODE FEATURES

- Reassign address on surface without disassembly
- Skip gun capability (skip a problematic gun and prevent non-productive time (NPT))
- Inventory rate of 1 switch per second

RAPID FIRING MODE FEATURES

- No software requirement
- Inventory and arm bottom-most circuit with one touch
- Inventory rate of 5 switches per second