

TRU-PERF™ ADDRESSABLE PLUG SWITCH



Description

The Tru-Perf™ addressable plug switch is a variation of the Tru-Perf™ addressable switch design for use with an ignitor. The Red and Blue wires have been removed and the FIRE wire has been changed to a Green wire with black striping. This wiring change reduces confusion by field personal when placing two Tru-Perf™ switches in a single sub. The Tru-Perf™ addressable switch has been certified as RF safe, stray voltage safe, and electronic-static discharge (ESD) safe. Requires Warrior 8 and modified shooting panel.

Benefits

- Allows the status of guns or plugs to be checked while running in hole
- Added safety features help prevent accidental fire
- Ability to skip a gun if it misfires instead of having to come out of the hole
- Surface testable with Tru-Perf™ Surface Box
- API RP-67 compliant

Specifications

Dimensions	Length: 2.4" Width: 0.8" Height: 0.4"
Operating Temperature	-20 to 347°F (-29 to 175°C)
Non-Powered Temperature	-58 to 392°F (-50 to 200°C)
Operating Voltage Range	-20VDC to -600VDC
Maximum Voltage/Transient Voltage Forward/Reverse	600V
Maximum Firing Current Forward (Nominal) Forward (Maximum)	1A 1.5A
Operating Current - Standby	0.5mA
Communication Current	20mA Surface 20mA Downhole
Detonators - Hot Wire/Igniters - Setting Tools	50Ω or Higher
Stray Voltage Safe	400V
Radio Frequency Safe Board	1 MHz – 1000 MHz ESD
ESD Safety Rating	Safe to 25000V*
* ESD safety rating in accordance with MIL-DTL-23659 E, paragraph 4.4.3.2	