

TRU-PERF™ ADDRESSABLE SWITCH

Tru-Perf is proud to offer three types of RF safe addressable switches to help get the job done downhole. With over two million switches produced and fired we offer you not only a reliable product, but a trained and knowledgeable staff that is always available for assistance in or out of the field.

PERF

Our perforating switches are labeled with over 65,000 different addresses to help prevent duplicates downhole.



PLUG

The plug switch has a unique address (DDDE) and is designed with different color igniter and detonator wires that help to avoid confusion while arming.



RELEASE

Our release switch was designed to give you the capability of running a ballistic release tool while using pressure style switches.



TRU-PERF™ ADDRESSABLE SWITCH



The Tru-Perf addressable switch contains a microprocessor that allows the surface data acquisition system to communicate with the perforating equipment via the wireline. This device has two independent electronic switches that are controlled from the surface data acquisition system. The Tru-Perf addressable switch detonator combination has been certified as RF safe, stray voltage safe, and electronic-static discharge (ESD) safe. Requires Warrior 8 and modified shooting panel.

FEATURES

- 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)	1A
Forward (Maximum)	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	