



PRIMARY IGNITOR BP-3/BP-4 PART # EXP-1387-IGN

ADVANTAGES WHEN USING THIS PART

The Daniel Oilfield BP-3/BP-4 primary igniters are a radio-frequency/safe igniters used in wireline pressure setting assemblies. The BP-3/BP-4 igniters are deployed in #10 and #20 setting tools and offers temperature resistance for safe and reliable operations.

The BP-3/BP-4 igniters contain a military grade resistor, which requires electrical voltage to establish a current high enough to initiate the primary igniter reducing the risk of accidental initiation due to radio frequency induced (RFI) currents, and meets API RP67 regulations.

Along with a proven resistor, the screwed together design requires less firing current and offers improved reliability compared with outdated crimped models. Daniel Oilfield Tools conducted extensive testing on the BP-3/BP-4 igniters to improve reliability when exposed to high frequency vibration. The igniters endured repeated thermal cycling ranging from sub-zero temperatures to 400°F (204°C) and performed consistently when used in horizontal multistage pump-down applications. It exhibited no leakage past the center electrode after initiation at 20,000 psi (1379 bar) and 400°F, reducing HS&E risks and making the BP-5S igniter ideal for a wide range of downhole environments.

Applications

- Unconventional and conventional reservoirs
- Deep-water wells
- With WLPSAs to initiate power charges for completion packers and bridge plugs
- With chemical cutters and perforating assemblies



BETTER MATERIAL
BETTER DESIGN
REUSABLE
HP/HT
COST LESS

Quantity per Box	50 pcs
Gross Weight per Box	2 Kg
Net Weight per Box	1 Kg
NEC per Box	0.06 Kg
Dimensions of Box	33 X 32 X 24
Product Weight	20 g
Package Type	Carton + Vacuum Bag