

TIME DELAY FUSE IGNITER

DESCRIPTION

Fike Oilfield products is proud to introduce the Time Delay Fuse Igniter. The Fike Fuse Igniter is a stand alone multi-use primer. It is designed for use in downhole oil and gas exploration, completion, and production applications. Its primary use is to initiate time delays but can be adapted for use with other downhole oilfield devices. The Fuse Igniter can meet applications where the exposed temperature is up to 425°F, duration of 200 hours or less, and with a gap of 1.0 IN (25.4mm) maximum.

The Fuse Igniter is constructed with a stainless steel closure disc that is laser welded into the assembly. This provides a one piece, hermetically sealed enclosure to protect and preserve the explosive primer for extended life and high reliability under harsh conditions. The units are leak tested and labeled with the lot number to meet quality assurance and traceability standards. Two sizes are available to fit standard primer holders.



TIME DELAY FUSE IGNITER

FIKE SERVICES

Fike's oilfield expertise creates a service and support structure that you can trust for your specific pyrotechnic applications:

- Engineers and application specialists can assist in product applications and technical support
- Rapid Response – lower costs and shorter lead times with Fike Oilfield products
- Qualification testing of components under simulated applications and field testing
- Manufactured by Cartridge Actuated Devices, Inc., a Fike Corporation company and industry leader in pyrotechnic products

SPECIFICATIONS

Material of Construction	Body - Stainless Steel
Operating Temperature	Up to 425°F (218°C)*
Time and Temp Exposure	Up to 200 hours at 425°F (218°C)*
Gap	Up to 1.0 IN (25.4 mm)*
All Fire	10 foot-pounds minimum
No Fire	2 foot-pounds maximum (Complies with API RP-67)
Recommended Firing Pin	.05 inch spherical radius*
Maximum Helium Leak Rate	1 x10 ⁻⁶ Standard Cubic Centimeters Per Second
Shipping Classification	DOT Hazard Class: 1.4S UN Number: UN 0454 Ref Number: EX208060097 CE Certificate Number: Exempt
Shelf Life	5 years

* Consult Fike for applications beyond the standard specifications

Note: All information and ratings are subject to change without notice. It is the users responsibility to conduct any necessary testing and ensure the Time Delay Fuse Igniters are suitable for the user's intended application, prior to use.

FEATURES AND BENEFITS

- Scored Closure Disc
- Industry Standard Dimension
- Hermetically Sealed
- Provides a targeted and concentrated burst pattern for reliable initiation of secondary components
- Directly replaces other igniters and can be installed into existing primer holders
- Each unit is helium leak tested. This maintains the safety and quality of the component and its contents in harsh down-hole environments

APPLICATIONS

Ignites Fike Time Delay Fuse, P/N 088011-6.0

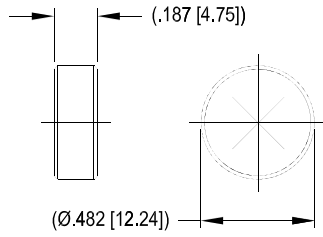
- Specialized Applications
- Explosive Trains
- Detonators
- Gun Systems
- Setting Tools
- Specialized Equipment
- Perforating Guns
- Other Time Delay Fuses

Form No. O.1.09.01-2

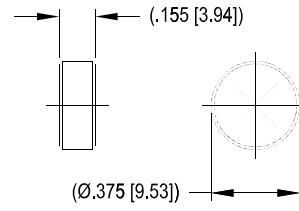
ORDERING INFORMATION

Fike P/N	Description
072130-1	1/2 IN Percussion Igniter, High Temperature
072130-3	3/8 IN Percussion Igniter, High Temperature

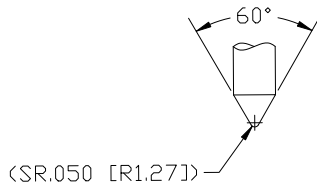
DIAGRAMS



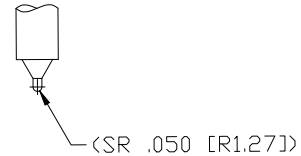
P/N 072130-1



P/N 072130-3



Config A



Config B

Config A: Limit firing pin travel to .075-.085 into back surface of Igniter.
 Config B: Limit firing pin travel to .125-.140 into back surface of Igniter.