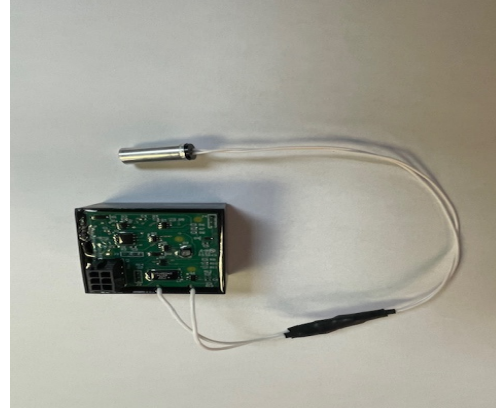
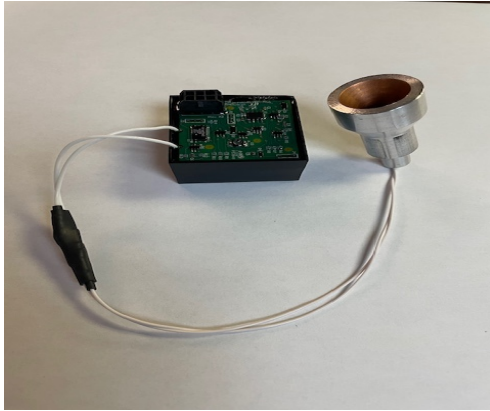


FS-80 EBW Firing Circuit P/N 188-7507



DESCRIPTION

The FS-80 EBW Firing Circuit, p/n 188-7507, is designed for activating EBW detonators when safety is paramount. There are 3 independent arm signal requirements. The circuit is fast charging and triggered from an external provided 5 volt signal. Example pictures show an RP-4 EBW SC, 188-7377 (left) and an RP-80 EBW , 188-7042 (right)

DESIGN AND SPECIFICATIONS

Input Energy

- External 12-24 volts

Output Energy

- 800 volts through a 1 uF capacitor

Circuit

- 3 independent external arm signal requirement- 5 volt
- RED LED lights after ARM 1 and ARM 2 are active
- Triggered- 5 volt external signal required
- Fast Charge Time- 50-75 ms
- Dual Bleed Resistors
- 6 pin Molex connector interface

Module to Detonator Connection

- 24 AWG Flying Leads- 4 inches
- Solder or twisted
- Maximum leadwire length including EBW- 10 inches

Dimensions

- 2 inches X 2 inches X 0.75 inches
- Weight without Detonator: 50 grams

WARNING

- Dry firing without firing cable can damage the unit
- Max shot to shot firing rate- 5 min. Min
- Do not fire into a dead short

Caution: While EBW and EFI Initiators are inherently less susceptible to accidental detonation during handling and set-up than devices containing primary explosives, electrical and electronic firing systems are sensitive to transient electrical energies which could cause premature triggering or firing. The blasting area must be clear of personnel and equipment before the detonator leads are connected to any RISI Firing System. Only approved RISI Firing Systems should ever be used to initiate or detonate any explosive product manufactured and authorized for sale by RISI.