



ELECTRONIC TIME FUSE FET-1MT

- Accuracy better than 0,1 s
- Wide compatibility
- Simple, manual setting without accessories
- According to safety requirements MIL-STD-1316D
- No safety wire necessary

TECHNICAL SPECIFICATIONS

General data

- FET-1MT is a programmable time fuse, which also works on impact.
- This warhead uses two independent reinforcement mechanisms and the electric detonator is shorted until arming.

Compatibility

- FET-1MT is intended for use as a fuse for 81, 82 and 120 mm caliber light bulbs.
- By using adapters it can equip other types of ammunition

Operating modes

- Timing: 3.0 ÷ 99.9 s with a pitch of 0.1 s.
- Impact.
- Simple manual operation.
- Digital setting and unlimited number of settings.
- Accuracy: better than 0.1 s.

Arming

The fuse arming is made by two arming mechanisms

- launch acceleration
- continuous air flow

Safety

- Launch acceleration: minimum 300 g for at least 1 ms.
- Air speed: minimum 70 m / s.
- The fuse does not work if the "continuous air flow" arming condition is achieved before the arming condition at launch acceleration.
- Arming distance: minimum 70 m.
- Short-circuited detonator: the electric detonator is short-circuited until fully armed.

Supply: Wind turbine generator.

Programing

- The focus is programmed using a device linked to its connector.
- Programming time 10 s.

Explosive: Black powder DRP 2. Electric primmer NH PCI.

Temperature limits

- Function: -40°C ÷ +60°C. Storage: -40°C ÷ +70°C.

Physical data

- Total lenght: max. 102 mm. Diameter: 47 mm.
- Mass: 0,3 kg.

Military standards

MIL-STD-331B MIL-STD-333C MIL-STD-1316D

MIL-STD-810F

IMPACT ELECTRONIC FUSE WITH INSTANT OPERATION MEF-2

- Safety in handling and storage
- No stored energy
- Remains safe until the required distance condition is reached
- Electric and mechanical impact switch
- According to safety requirements MIL-STD-1316D

TECHNICAL SPECIFICATIONS

General data

- MEF-2 is an electronic fuse with instant impact operation.
- MEF-2 uses two independent reinforcement mechanisms for reinforcement and safety. The fire chain is shortened and is not fed until arming.

Compatibility

- MEF-2 is used to equip 120 mm explosive bombs.
- MEF-2 by using adapters can equip other types of ammunition.
- MEF-2 replaces the M6-R mechanical warhead and its equivalents.

Operating modes: Impact; self-destruct

Armament

The armament of the warhead is made by two arming mechanisms:

- acceleration during launch
- speed during launch Reinforcement time: 3.5 s.

Safety

- Handling and storage safety.
- Launch acceleration: minimum 200 g for a minimum of 1 ms.
- Air speed: minimum 70 m / s.
- Arming distance: minimum 40 m.
- Short-circuited detonator: the electric detonator is short-circuited until fully armed.

Supply: Air turbine generator.

Explosive: Black powder DRP 2. Electric primer NH PCI.

Temperature limits:

- Function: -32°C ÷ +49°C. Storage: -32°C ÷ +49°C.

Physical data:

- Total lenght: max. 111 mm. Diameter: 44 mm. Mass: max. 0,3 kg.

Military standards

MIL-STD-331B; MIL-STD-333C;

MIL-STD-1316D; MIL-STD-810F;

STANAG 4157 PPS; STANAG 4187 PPS AOP-20

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