

AEROFINA S.A.



FET-1MT - ELECTRONIC TIME FUSE

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

AEROFINA S.A.

2-4 Fabrica de Glucoza Street, Sector 2, Bucharest 020332

Tel: (021) 242 0772, Fax: (021) 242 0444

E-mail: serv@aerofina.ro, Web: www.aerofina.ro