

AEROFINA S.A.



**MEF 4 - IMPACT ELECTRONIC FUSE
WITH INSTANT OPERATION**

Mortar Electronic Point Detonating Fuze - MEF-4

TECHNICAL SPECIFICATIONS

Compatibility

- MEF-4 is to be used with all types of HE mortar bombs with the following calibers: 60 mm, 81 mm, 82 mm, 120 mm.

Operating modes: detonates warhead on impact with target.

Arming of the warhead is made by two arming mechanisms:

- acceleration of 400g minimum
- air speed of 30m/s minimum

Safety

- Miss-sequencing: prevents arming the fuze whenever arming condition of air flow precedes arming condition of set back.
- Arming distance: 100 m minimum from muzzle.
- Double loading: the fuze will not function in bore in at double loading event.
- Shorted electric detonator: the electric detonator is shortened until arming.
- Safety pull wire: no use of safety pull wire.

Supply

- Air driven alternator

Explosive

- Booster pellet 7g CH-6

Temperature limits:

- Firing: from -40°C to +60°C.
- Storage: from -40°C to +70°C.

Physical data:

- Total length: 52 mm
- Cross section diameter: 40 mm
- Intusion depth: 28.8 mm for 120 caliber, 15.7 mm for 82 caliber
- Thread size: Sp 36.18 x 2.54 mm
- Weight: 0.2 kg

Military standards

MIL-STD-331; MIL-STD-333; MIL-STD-1316;
STANAG 4187 PPS AOP-20

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