MBU, M18-D

Proximity fuze for combat drone ammunition

Proximity FUZE MBU, M18-D is mechanical-electronic fuze based on a modern microprocessor technology with the interrupted initial train and safety mechanism based on the clock mechanism. It is battery powered proximity fuze which provides high and near surface proximity function as well as point detonation.

PURPOSE:

The fuze is intended for assembling high explosive shells of 60mm, 81/82mm and 120mm caliber for combat drone use. The fuze has two function modes as stated below. The connecting measures are in accordance with the NATO standard.

TECHNICAL DATA:

- Safety — as per STANAG 4157 and MIL-STD-331C
- Arming — gravitational
- Safety:
  - two independent mechanical safeties (transport and pull safety element)
  - electronic safety 3.5 s
  - low – explosive train interrupted

Function modes:

- Impact - SQ
- Proximity (burst height from 1 m to 9 m)

- Drop safety — 3 m
- Fuze mass — 300 g
- Detonator charge mass — 13,2 g
- Fuze length — max.105 mm
- Fuze length entering the shell — max. 28 mm
- Fuze connecting thread — 1,5”-12UNF-1A
- Maximum fuze diameter — 49 mm

FUNCTIONAL DATA:

- Temperature range of use — -40°C to + 63°C
- Temperature range of storage — -54°C to + 71°C
- High safety during handling, transportation and storing.
- Environment test — as per MIL-STD-331A
- Usage period is minimum 10 years under prescribed keeping and storing conditions.

Should you have any further enquires, please do not hesitate to contact us at **office@yugoimport.com**