



01 / PRODUCT OVERVIEW

MBU-M18

MBU M18 mortar proximity fuze



FIG 01 PRODUCT CONFIGURATION

**-40 to +63 deg C (storage)
-54 to +71 deg C)**

TEMPERATURE RANGE OF USE

min. 70 mMUZZLE SAFETY AT 68 M/S INITIAL
VELOCITY**350 g**

FUZE MASS

**VT (proximity),
mechanical-electronic,
battery powered**

FUZE TYPE

01.1 / OVERVIEW

Battery-powered mechanical-electronic mortar proximity fuze with point-detonating and 2 to 5 m burst-height proximity modes, set contactlessly.

TYPE

Mortar fuze

STANDARD

NATO

PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.



TECHNICAL DATA

MBU-M18 / AMMUNITION

IDENTITY AND CONSTRUCTION

Fuze type	VT (proximity), mechanical-electronic, battery powered
Fuze mass	350 g
Fuze length	max. 133 mm (max. 28 mm entering the shell)

BALLISTIC PERFORMANCE

Muzzle safety at 68 m/s initial velocity	min. 70 m
Temperature range of use	-40 to +63 deg C (storage -54 to +71 deg C)

DIMENSIONS, MASS AND SUPPLY

Detonator charge mass	13.2 g
-----------------------	--------

ADDITIONAL TECHNICAL DATA

Function modes	PD SQ (point-detonating superquick); proximity with burst height 2 m to 5 m
Mode selection	By contactless fuze setter; proximity mode activates on the fall trajectory
Ammunition compatibility	HE and smoke mortar shells of all calibres; NATO standard connecting measures
Safety standard	STANAG 4157 and MIL-STD-331C; low-explosive train interrupted; clock-mechanism safety
Arming	Inertia type, acceleration 400 g to 13000 g
Drop safety	3 m
Moisture proofness	1 bar pressure
Connecting thread	1.5 in - 12 UNF-1A