



01 / PRODUCT OVERVIEW

UB M16

Artillery proximity fuze UB M16



FIG 01 PRODUCT CONFIGURATION

max 1100

MUZZLE VELOCITY (M/S)

0.825

FUZE MASS (KG)

**proximity,
secondary contact**

ACTION TYPE

10 ± 8

HEIGHT OF PROXIMITY ACTION (M)

01.1 / OVERVIEW

Nose-mounted electronic proximity fuze with secondary contact-superquick action for 105 mm to 155 mm high-explosive artillery projectiles, working on the Doppler effect of radio waves with selectable sensitivity levels and a blocking function over the last 2.5 seconds of flight.

TYPE

Fuze

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.



02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

UB M16 / AMMUNITION

IDENTITY AND CONSTRUCTION

Total fuze height (mm)	max 151.6
Depth of fuze intrusion (mm)	max 56.1
Fuze mass (kg)	0.825
Compatible projectiles	artillery high-explosive projectiles from 105 to 155 mm

BALLISTIC PERFORMANCE

Muzzle velocity (m/s)	max 1100
Operating temperature (°C)	-30 ÷ +50

DIMENSIONS, MASS AND SUPPLY

Height of proximity action (m)	10 ± 8
--------------------------------	--------

ADDITIONAL TECHNICAL DATA

Action type	proximity, secondary contact
Muzzle safety (m)	mechanical: min 400 calibers, electronic: blocking action
Arming during axial acceleration (m/s ²)	20000 ÷ 250000
Rotation (min ⁻¹)	2000 ÷ 25000
Thread	2"-12UNS-1A
Blocking function	active during the last 2.5 seconds of flight