

UB, M16

Artillery fuzes

The fuze UB M16 is electronic and it is located at the nose. It possesses proximity function as well as secondary contact-superquick function. It is intended for assembling artillery high-explosive projectiles from 105 to 155 mm with 2"-12UNS-1A thread.

The proximity action is based on the Doppler effect of radio waves.

The fuze possesses blocking function (active during the last 2.5 seconds of flight).

The flight duration is given with setter (device for time setting and function selection) and the fuze has possibility of setting up levels of sensitivity for the proximity function with the setter.

The fuze is protected from intended and unintended electromagnetic interferences. It is safe in all transportation conditions as well as in all conditions of storage and use.

TECHNICAL DATA:

• Action type	proximity, secondary contact
• Height of proximity action (m)	10 ± 8
• Total fuze height (mm)	max 151.6
• Depth of fuze intrusion (mm)	max 56.1
• Muzzle safety (m)	mechanical: min 400 calibers, electronic: blocking action
• Arming during axial acceleration (m/s ²)	20000 to 250000
• Rotation (min ⁻¹)	2000 to 25000
• Muzzle velocity (m/s)	max 1100
• Fuze mass (kg)	0.825
• Operating temperature (°C)	-30 to +50

