

# UTE, M03A1

## Artillery fuzes

The fuze UTE M03A1 is intended for assembling 105 mm and 155 mm timed artillery projectiles (high-explosive, smoke with white phosphorus, etc) with 2"-12UNS-1A thread. The fuze is electronic and it is located at the nose. It possesses timing function as well as secondary contact function. The time is set with a button and it is shown on the display.

The fuze is protected from intended and unintended electromagnetic interferences. It is safe in all conditions of transportation, storage and usage.

### TECHNICAL DATA:

• Action type	timing, secondary contact
• Time setting, with button and display (s)	3.2 to 199.9 (pitch of 0.1, accuracy of $\pm 0.05$ )
• Total fuze height (mm)	max 152.03
• Depth of fuze intrusion (mm)	max 56.13
• Muzzle safety (m)	mechanical: min 400 calibers, electronic: min 3 s per firing
• Arming during axial acceleration ( $m/s^2$ )	24000 to 250000
• Rotation ( $min^{-1}$ )	2000 to 25000
• Muzzle velocity (m/s)	max 1100
• Fuze mass (kg)	0.6
• Operating temperature ( $^{\circ}C$ )	-30 to +50

