



Photo: NEXTER

FRAPPE

**MULTI-OPTION
FUZE FOR ARTILLERY**



SAFETY. INNOVATION. RELIABILITY.

FRAPPE

MULTI-OPTION FUZE FOR ARTILLERY

FRAPPE is an inductively settable electronic multi-option artillery fuze, providing maximum safety, reliability and performance. The fuze is designed and qualified to be used with Standard and Extended Range (ER) such as High Explosive (HE) 105 mm and 155 mm Hollow Base or Base Bleed shells at all applicable charge zones and compatible with 120 mm rifled mortar. FRAPPE is fully compatible with modern 39 calibre and 52 calibre howitzers and automatic loading systems and fully compliant with all JBMoU artillery systems.

FEATURES

- Inductively settable according to STANAG 4369 / AOP-22
- Modes:
 - Proximity with three Heights of Burst (4.5 m, 9 m and 18 m)
 - Time
 - Point Detonating Super Quick
 - Point Detonating Delay (programmable)

POWER SUPPLY

- Reserve lithium battery providing superior performances in all conditions

PRODUCT OVERVIEW

- Compliant to STANAGs 2916, 4157, 4187 and 4439
- The fuze is not subject to ITAR and REACH compliant
- IM compliant at fuze level
- Unique penetration capability
- High level of over-flight safety
- Enhanced safety during storage, transportation and operational use
- Well proven Safety and Arming Device used in all JUNGHANS artillery fuzes

JUNGHANS Microtec GmbH

Unterbergenweg 10
78655 Dunningen-Seedorf
Germany

Phone +49 7402 181-0

JUNGHANS T2M SAS

Route d'Ardon
45240 La Ferté Saint Aubin
France

Phone +33 2 3851-6422

www.junghans-defence.com

info@junghans-defence.com

A Diehl and Thales company

Dimensions

Weight	730 ± 60 grams
Overall height	Max 151.6 mm
Nose to flange	Max 95.5 mm
Thread	2" – 12UNS – 1A

Fuze Characteristics and Performance

Muzzle safety	≥ 150 mm for 105 mm gun and 120 rifled mortar ≥ 200 m for 155 mm gun
Required setback for arming	≥ 1,600 g
Required spin rotation for arming	≥ 3,000 rpm
Max. setback	26,000 g
Max. spin rate	25,000 rpm
Max. velocity	1,050 m/s
Operational temperature range	-46 °C to +63 °C
Storage temperature range (short term)	-54 °C to +71 °C
Shelf life	Designed for 15 years

STANDARD PACKAGING

- 8 fuzes per steel box
- 63 boxes per pallet
- 504 fuzes per pallet
- Shipping classification: UN0410, Class 1.4D

**For more information
please visit our website**

You are also welcome to write us an email:
info@junghans-defence.com

