

FPM.8X

C-HOBS Proximity Sensor

Height of Burst Sensor for Precision-Guided Munitions

The FPM.8X proximity sensor serves as a critical force multiplier, enhancing the operational effectiveness of a wide range of air-delivered munitions (MK81, MK82, MK83, MK84). Designed for seamless integration and robust performance in electronic warfare environments, FPM.8X offers advanced capabilities and compatibility.



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Key Features:

- **Adjustable Burst Height:** Electronically programmable from 2 m to 12 m with 1 m resolution
- **Accuracy:** Better than ± 2 m
- **Very High Precision**
- **Cockpit-Controlled Interface: RS-485 communication**
- **Lightweight:** Less than **1.5 kg**
- **Advanced ECCM Capabilities:** Protection against jamming via **in-house** developed algorithms

Compatibility:

- Fully compatible with **Mk81, Mk82, Mk83, Mk84** series munitions
- Supports fuzes including **FMU-139, FMU-152** and national fuzes such as **ONUR** and **TST101**
- Interfaces with **FZU series initiators** and **domestically produced initiators**

Operational Support:

- Integrated with **PROTES (Hardware in the Loop (HWIL) Test System)** for real-time performance checks
- Enables pre-load, pre-delivery, and in-storage full electronic testing
- On-site serviceability and shelf-life assessment via **PROTES**

Applications:

- Ideal for modern precision-strike operations where height-triggered detonation and resistance to EW threats are critical for mission success.



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