EFM1000

Explosives

Detection Module

Product Description

Using advanced fluorescence technology, our explosives detection module EFM1000 provides accurate detection of a wide range of explosives, including military standard explosives (TNT, DNT, RDX, PETN etc.), civilian explosives (ammonium nitrate, black powder, firecracker powder, ignition powder, TATP, etc.), liquid explosives (nitromethane, etc.), and other hazardous materials.

With high detection sensitivity, fast analysis, strong environmental adaptability, and ease of maintenance, the device ensures reliable and rapid threat identification. Its compact size, lightweight design, and comprehensive software and hardware interfaces make it highly versatile, enabling seamless integration into various application

Performance Parameters：

1. Detection limit: ≤0.1ng (TNT)
2. Alarm response time: ≤10s
3. Overload recovery time: ≤15s

Electrical Properties：

1. Working voltage: 12V, 5A, ripple less than 100mV
2. Power: Standby <0.5W , rated 25W , maximum 40W
3. Working temperature: -20°C - 55°C