



SINGLE COMBINED SAFETY SENSOR

Ideally used for safes and ATMs protection



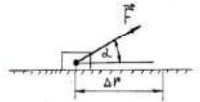
VIBRATION



HITS



DISPLACEMENT



EXPLOSIVE GASES



Application In: Banks - Companies - Exchange houses - Industries



Description

The sensor has three independent detection channels:

- **Vibration / Fracture / Shear Sensor**
 - **Movement or inclination sensor of the protected structure**
 - **Detection of explosive gases (propane, methane, hydrogen, etc.).**
- Resistant to electromagnetic interference, singular shocks and acoustic noises
 - Possibility to choose the operating mode and sensitivity (depending on the material)
 - Open compatibility with any system with NC / NO output
 - Incorporates anti-tamper fasteners to detect sensor opening and displacement

Functions

The «EBX-2» sensor is used to detect attempts to break, move, tilt and (or) theft of ATMs, safes and other means to protect.

Technical Characteristics

| PARAMETER | VALUE |
|---|-----------------------------------|
| Controlled area, m ² , no more than: | 6 |
| Detectable concentration of flammable gases | 10% limits flammability (propane) |
| Tilt angle change detection | 5° and more |
| Supply voltage range | 9 – 17 V |
| Maximum consumption current | 80 mA |
| Allowable current through sensor contacts | 100 mA |
| Allowable voltage on sensor contacts | 72 V |
| Technical preparation time, no more than | 60 sec |
| Operating temperature range | 0 to +50 °C |
| Allowable relative humidity under a temperature of +25 °C | 90% |
| Protection Degree provided by the casing according to GOST 14254-2015 | IP20 |
| Maximum dimensions | 105x45x34 mm |
| Weight, not more than | 150 g |
| Average term of service | 8 years |

Professional sensor for the detection of theft in ATMs and safes



REAL PROTECTION CASES



Tilt or shift detection



Vibration detection when cutting or drilling attempts



Detection of mechanical attacks



Detection of explosive gases

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