

## SERIES 446

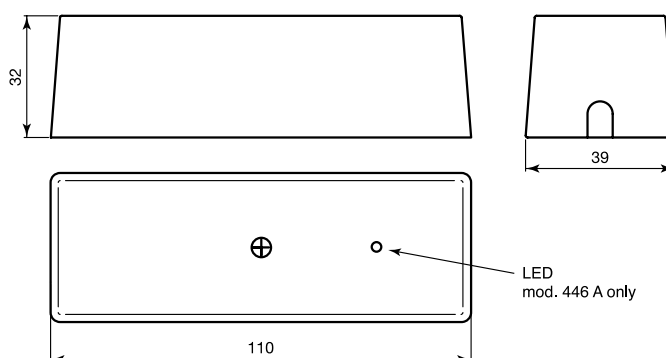
### Inertia sensor in self-protected housing

- Indoor surface mounting
- Impact detection
- Gold-plated contacts
- Protection against cover opening
- Version with incorporated analysis card
- Microprocessor technology

Inertia sensor for impact detection. It incorporates gold-plated contacts which, in case of impact onto the mounting surface, open the contact (NC in normal conditions) for a time proportional to the impact strength. It is normally used on doors, windows and wherever it is necessary to detect impact. Version 446 must be interfaced by shielded cable to an analysis board, such as 448, which features adjustable sensitivity and can be connected to several sensors in series. Version 446 A, AN is provided with incorporated analysis card with sensitivity adjustment for the inertia sensor through a trimmer, selectable NC-NO relay output and LED memory, micro switch protection against cover opening. Version 446 AVR is suitable for radio transmitter connection.

#### GENERAL SPECIFICATIONS

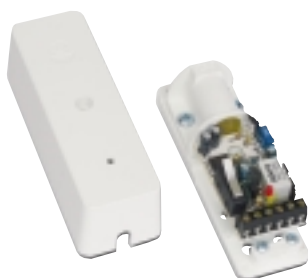
|                       |                                                    |
|-----------------------|----------------------------------------------------|
| Housing material      | Thermoplastic, white color                         |
| Operation             | Multiple gold-plated contacts with NC output (446) |
| Connection type       | Clamping screw for 446, terminals for 446 A        |
| Operating temperature | -25°C to +55°C                                     |
| IP degree             | IP 30                                              |
| Packaging             | See table                                          |



#### ORDER CODES

| Code    | Contact type | Max. voltage | Max. current | Max. power | Pcs./pack. | Package weight | Notes                                       |
|---------|--------------|--------------|--------------|------------|------------|----------------|---------------------------------------------|
| 446     | NC           | 100V DC      | 100 mA       | 3 W        | 2          | 0,18 kg        |                                             |
| 446 A   | -            | -            | -            | -          | 1          | 0,11 kg        | 10-15V DC voltage supply, 2-30 mA, 1A relay |
| 446 AN  | -            | -            | -            | -          | 1          | 0,11 kg        | 10-15V DC voltage supply, 4-24 mA, Relè 1A  |
| 446 AVR | NC/NA        | -            | -            | -          | 1          | 0,11 kg        | 2,5-5V DC power supply, 16-400 µA @ 3V DC   |

446 A -AN



446 AVR



Voltage data refer to contacts, the product must be used within the very low voltage limits (max. voltage 74V DC - 49V AC)

#### ACCESSORIES AVAILABLE (see accessories page)

| Code | Description                       |
|------|-----------------------------------|
| 448  | Analysis card for inertia sensors |