SENSE-WARE
THE FLAME DETECTOR COMPANY

# Test Lamp T-229/4P for UV, IR and UV/IR Flame detectors

- **Data Sheet**

Carrying Case

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## Description:

The SENSE-WARE T-229/4P flame detector test lamp activates UV, IR and UV/IR flame detectors which detect in the 185-235 nm UV and 4.4 µ IR frequency ranges. For UV only detectors the maximum distance is up to 8 meters (26 ft) in the continuous mode. The test range for IR and UV/IR detectors is up to 4 meters (13 ft).
Most IR Flame detectors have an extra alarm criterion; analyzing the flicker frequency of a fire. In order to simulate the flame flicker, the lamp needs to be pulse operated. For this, the test lamp T-229/4P can be put into the pulse mode by means of a selection switch on the left side of the test lamp. The lamp then emits pulsed light with a frequency of approx. 2 Hz. After the alarm delay time the IR or UV/IR flame detector will activate.

Not suitable for IR/IR- (dual IR), IR/IR/IR (IR3 or triple IR) flame detectors.

Only for use in safe areas.

## Specifications:

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|---|---|
| Adapter (charger) | 100-240 Vac, 1600 mA switching with plugs for US, EU, GB and AU |
| Test range UV flame detectors | up to 8 m (26 ft) in continue mode, up to 4 m (13 ft) in pulse mode |
| Test range IR and UV/IR flame detectors | up to 4 m (13 ft) |
| Battery | sealed Lead Acid battery, 12 Vdc / 2.7 Ah |
| Lamp | 12 Vdc / 100 W |
| Use | 10-15 minutes under optimal conditions and continuous use |
| Housing | PC/ABS |
| Shipping dimensions (box) | 310 x 220 x 210 mm (12 5/8 x 9 x 8 5/8 “ ) |
| Shipping weight | 2.1 kg (4.62 lbs) |
| Ingress protection rating | IP30 / NEMA 1 |
| Temperature range | +4 to +40 $^{0}$C (+39 to +104 $^{0}$F) |
| Country of Origin/Intrastatistic Number | EU, 8531 10 30 |
| Carrying case material | Case: polypropylene, inlay polyurethane |
| Shipping dimensions (box) | 440 x 340 x 280 mm (17 3/8 x 13 3/8 x 11 “ ) |
| Shipping weight incl. test lamp | 5.0 kg (11.1 lbs) |

### Battery specifications:

| | |
|---|---|
| Battery type | sealed rechargeable lead acid battery |
| Battery voltage and capacity | 12 Vdc/ 2.7 Ah |
| Dimensions | l x w x h 103 x 70 x 46 mm |
| Type | BATT4P |