SENSE-WARE
THE FLAME DETECTOR
COMPANY

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

- ## Data Sheet

Carrying Case

This document is available in 18 other languages on www.testlamp.com

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:

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

Please check the latest version of this data sheet (several languages) on www.testlamp.com.

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