4W-882 Photoelectric Smoke Detector

SYSTEM SENSOR®

Models Available

Description

Model 4W-882 is a 4-wire conventional photoelectric smoke detector. The detector uses state-of-the-art photoelectric smoke detecting technology. The two LED indicators on symmetrical sides will latch on red when fire is detected, and provide the 360° visibility of alarm indication. By being wired with System Sensor B801R detector base, the unexpected remove of the detector can be monitored. The detector provides a Form A relay output at alarm, which can be used in various circuits for device activation.
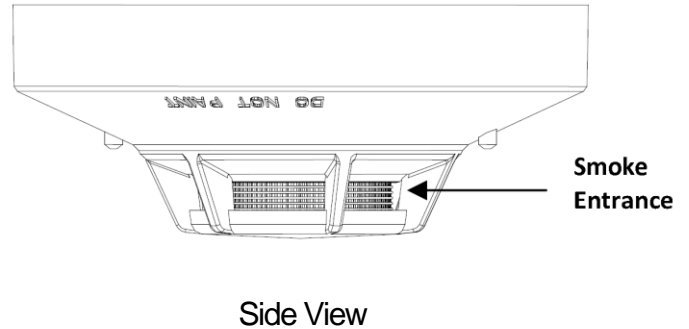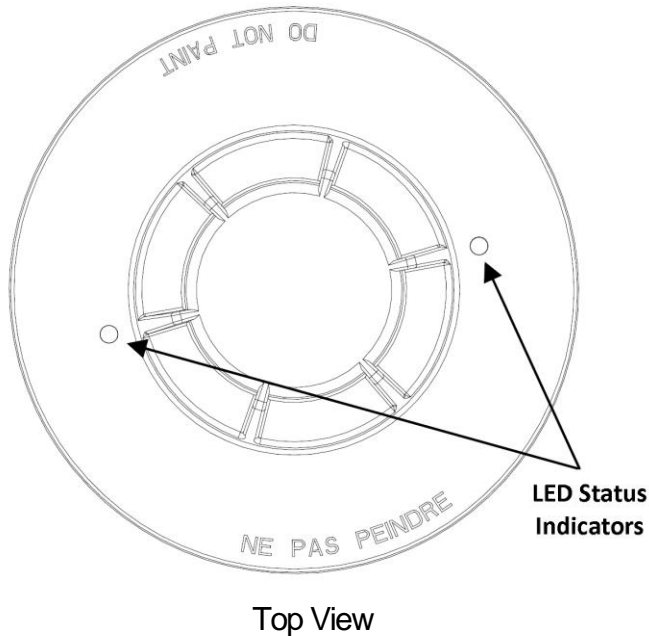
Specifications

Diameter:	4.04 inches (102 mm) installed in B801R Base
Height :	2.11 inches (54 mm) installed in B801R Base
Weight:	2.9 oz. (82 g)
Operating Temperature Range:	32 ~ 120°F (0 ~ 49°C)
Operating Humidity Range:	10% ~ 93% relative humidity non-condensing
Operating Voltage:	8.5 ~ 35VDC
Standby Current:	90µA average
Alarm Current:	36mA @ 24VDC
Alarm Contact Ratings:	0.5 Amp @ 30 VAC/DC
Latching Alarm:	Reset by momentary power interruption
Alarm Reset Time:	0.3 sec

Agency List

UL®

Appearance

Top View

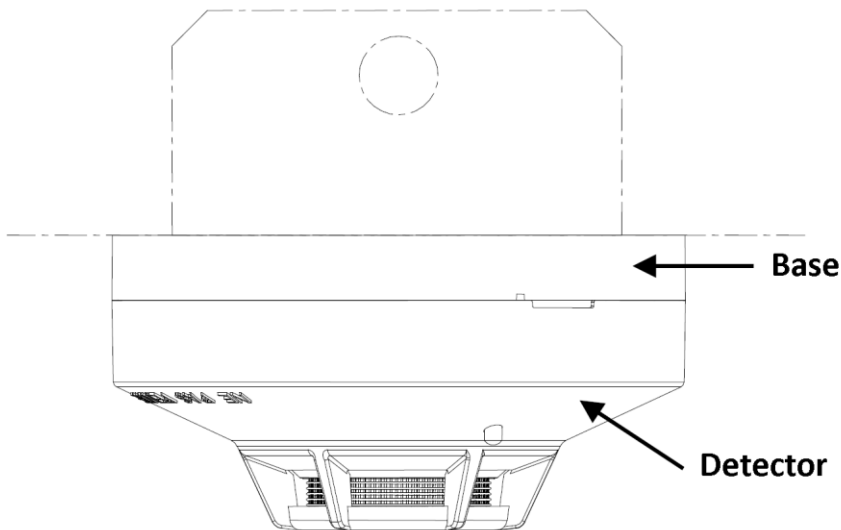Side View

Mounting

Each 4W-882 detector is used with a mounting base (B801R) that permits the detector to be mounted directly to a 50 or 60mm junction box as the left figure showed.

NOTE:
All wiring must conform to applicable local codes, ordinances, and regulations. Verify that all detector bases are installed, that the initiating-device circuits have been tested, and that the wiring is correct. (Refer to detector base manual for testing procedure.)

Ordering Information

Model	Description	UOM
4W-882	4-wire photoelectric smoke detector	EA
B801R	Detector Base	EA