

# RE 316S - 2L

## Conventional Photoelectric Smoke Detector



### Product Overview:

The RE 316S-2L conventional detectors are designed to work with all conventional Panels. These detectors are low profile and have dual LED's for 360° visual indication. The blinking LED's indicate normal operating conditions whereas the steady state indicate fire status. It has an unique protocol chamber designed to sense smoke produced by wide range of sources of combustion. It has a unique drift compensation feature where in the detector adjusts its normal reference based on environment conditions.



### Features:

- UL listed.
- Dual LED's for 360° visibility.
- Advanced detection and communication protocol.
- Easy installation and maintenance.
- Sleek low-profile housing design.
- Regular 100mm base.

### Electrical Specification:

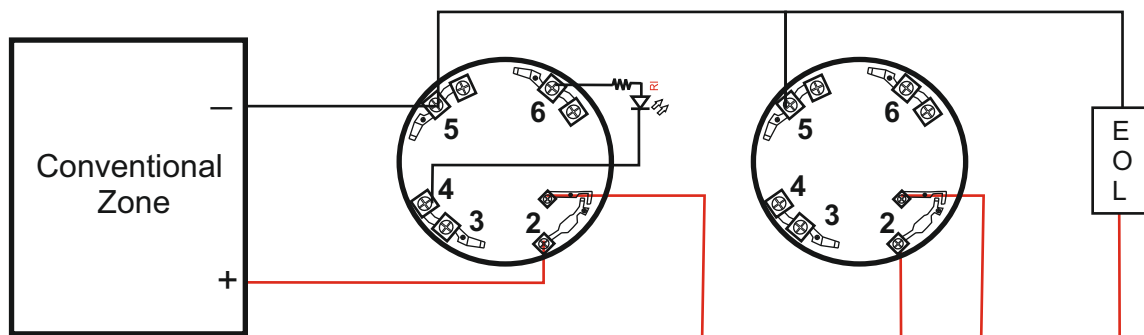
• Operating Voltage	:	9 ~ 33V DC.
• Operating Temperature	:	-10 °C to 37.8 °C.
• Storage Temperature	:	-10 °C to 60 °C.
• Humidity	:	0 - 95% RH, non-condensing
• Reset Voltage	:	less than 1V
• Standby Current	:	50 µA.
• Start up Time	:	60s.
• Start up Current	:	170 µA.
• Alarm Current	:	90 mA.(Max).
• Remote Output	:	15mA maximum open collector
• Smoke Sensitivity	:	(1.96 ± 0.76) % / ft
• Air Velocity	:	0 - 4000 fpm.
• Cycle time	:	5 Sec
• Installation Space	:	5 meters



## Mechanical Specification:

- Height : 46 mm with base
- Diameter : 100 mm dia
- Weight : 130g with base
- IP Rating : IP - 42

## Wiring Diagram:



Note:-

RI-Response Indicator

## Compatible Device:

RE-314B - Normal Base

## Ordering Information:

Model	Description
RE 316S - 2L	Conventional Photoelectric smoke detector with base

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