

# NB333

## UV Flame Detector

The NB333 conventional ultra-violet flame detectors are suitable for connection to conventional fire detection control and indicating equipment, or to addressable fire detection control and indicating equipment that can accept conventional type detectors.



### Key Features

- High sensitivity UVtron sensor tube technology
- Uses digital IC for stable and reliable operation
- High immunity to electrical noise and RF interference
- Polarity insensitive
- Fast response time
- Wide field of view
- Surface-mount device (SMD) circuit board design
- Solar blind, with an electronic filter to eliminate unwanted alarms from naturally occurring phenomena
- Remote LED
- No programming required

### TECHNICAL SPECIFICATIONS

OPERATING VOLTAGE	DC (8 / 34) V
AVERAGE QUIESCENT CURRENT @ DC 24 V	150 µA
ALARM CURRENT	40 mA / 80 mA
FIELD OF VIEW	120° cone
UV SENSITIVITY	(185 / 260) nm
ALARM RESPONSE TYPICAL	30 mm gas flame at 4 m within 10 s
ALARM INDICATOR	Continuous emitting red LED
OPERATING TEMPERATURE	0 °C ~ +45 °C
OPERATING HUMIDITY	0 % ~ 80 % RH, non-condensing
ALARM INDICATOR	Two continuous emitting red LEDs
DIMENSIONS	Ø 98mm × 37 mm

ORDER CODE	2-Wire	4-Wire	Remote Output	Relay Output
NB333	✓			
NB333-2L	✓		✓	
NB7333-4		✓		✓

