

Smoke Detector

NB-758



NB758 conventional photoelectric smoke detectors are state-of-the-art detectors 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.

Advanced electronics in conjunction with a photoelectric smoke sensing chamber provide early detection of smoke and high immunity against unwanted alarms.

The NB758 smoke detectors are available in a wide range of variants to suit many applications.

- Advanced algorithms provide advanced detection discrimination
- Easy installation. No programming required
- Sleek low-profile housing design
- Stable photoelectric smoke sensing chamber. No adjustment or replacement required
- High immunity against unwanted alarms
- Dual LEDs for 360° visibility
- Magnet-initiated alarm test function available with some models
- 2-Wire and 4-wire models for DC 12 V or DC 24 V operation
- 4-Wire models include a N/C or N/O alarm relay output

Specifications Summary

Operating voltage	DC (9 ~ 33) V
Start-up current	170 μ A
Standby current	50 μ A
Alarm current	40 mA ~ 90 mA
Reset voltage	≤ 1 V
Reset time	≤ 3 s
Alarm response threshold	(1.90 \pm 0.76) % / foot obscuration
Operating temperature	-10 °C ~ +37.8 °C
Operating humidity	0 % ~ 95 % RH, non-condensing
Alarm Indicator	Two continuous emitting red LEDs
Dimensions (excluding contacts)	Φ 100 mm \times 37 mm
Ingress protection rating	IP-43

- For complete specifications, see product datasheet 31-0042.

Ordering Information

	2-Wire	4-Wire	Remote LED Output	Magnet-initiated Test
NB758 S-2	√	-	-	-
NB758S-2M	√	-	-	√
NB758-2L	√	-	√	-
NB758S-2LM	√	-	√	√
NB758S-4	-	√	-	-
NB758S-4M	-	√	-	√



Conventional Smoke Detectors