

NB758-S

Smoke Detector



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.

Key Features

- 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

TECHNICAL SPECIFICATIONS

OPERATING VOLTAGE	DC (9 / 33) V
START-UP CURRENT	170 µA
STANDBY CURRENT	50 µA
ALARM CURRENT	50 mA / 90 mA
RESET VOLTAGE	≤ 1 V
RESET TIME	≤ 3 s
ALARM RESPONSE THRESHOLD	(1.90 ± 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)	Ø 100 mm × 37 mm
INGRESS PROTECTION RATING	IP-43

ORDER CODE	2-Wire	4-Wire	Remote LED Output	Magnet-Initiated Test
NB758-S2	✓			
NB758-S2M	✓			✓
NB758-S2L	✓		✓	
NB758-S2LM	✓		✓	✓
NB758S-4		✓		
NB758-S4M		✓		✓

