

NB326-SH

Smoke/Heat Detector



EN-54

EN54-5

EN54-7

NB326 conventional photoelectric smoke/heat 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 and an electronic thermistor provide early detection of fire and high immunity against unwanted alarms. The heat sensor provides fixed-temperature operation when the response threshold value is exceeded.

Key Features

- Dual photoelectric smoke and heat sensors to detect either smoke, heat or a combination of the phenomena.
- Advanced algorithms provide excellent detection discrimination
- Ideal for both fast-flaming and slow smouldering fires.
- High immunity against unwanted alarms
- Stable smoke sensing chamber. No adjustment or replacement required
- Easy installation. No programming required
- Sleek low-profile housing design. Dual LEDs for 360° visibility
- Magnet-initiated alarm test function
- 2-Wire and 4-wire models for DC 12 V and DC 24 V operation
- 4-Wire models include a N/C or N/O alarm relay output
- 4-Wire models available with auto-reset function and an internal sounder
- Connects to zone monitor NB773 for use with addressable control and indicating equipment

TECHNICAL SPECIFICATIONS

OPERATING VOLTAGE	DC (12 / 24) V
START-UP CURRENT	≤ 130 μA
STANDBY CURRENT	≤ 100 μA
ALARM CURRENT (MAX)	35 mA ~ 70 mA
RESET VOLTAGE	≤ 1 V
RESET TIME	≤ 1 s
ALARM RESPONSE THRESHOLD (SMOKE)	0.10 dB/m ~ 0.14 dB/m
ALARM RESPONSE THRESHOLD (HEAT)	57 °C static
SOUNDER OUTPUT	≥ 70 dB @ 0.3 m
OPERATING TEMPERATURE	-10 °C ~ +50 °C
OPERATING HUMIDITY	0 % ~ 95 % RH, non-condensing
ALARM INDICATOR	Two continuous emitting red LEDs
DIMENSIONS (EXCLUDING CONTACTS)	∅ 100 mm × 50 mm
INGRESS PROTECTION RATING	IP-42

ORDER CODE	2-Wire	4-Wire	Normal Operating Voltage	Remote LED Output	Alarm Relay Output	Auto Reset	Sounder
NB326-SH-2	✓		DC 24 V				
NB326-SH-2L	✓		DC 24 V	✓			
NB326-SH-4-12		✓	DC 12 V		✓		
NB326-SH-4-24		✓	DC 24 V		✓		
NB326-SH-4-AR-12		✓	DC 12 V		✓	✓	
NB326-SH-4-AR-24		✓	DC 24 V		✓	✓	
NB326-SH-4B-12		✓	DC 12 V		✓		✓
NB326-SH-4B-24		✓	DC 24 V		✓		✓
NB326-SH-4-ARB-12		✓	DC 12 V		✓	✓	✓
NB326-SH-4-ARB-24		✓	DC 24 V		✓	✓	✓

