



NB606

Tobacco Smoke Detector

NB606 conventional photoelectric tobacco 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. The NB606 range of tobacco smoke detectors have been specially designed to respond to the characteristics of tobacco smoke. Tobacco smoke detectors provide specific detection capability and should not be used as a substitute for broad-spectrum smoke detectors required by regulations. Advanced electronics in conjunction with a photoelectric smoke sensing chamber provide early detection and immunity against unwanted alarms.

Key Features

- Advanced algorithms provide advanced detection discrimination of smoke from cigarettes, cigars and pipe tobacco
- Easy installation. No programming required. Dual LEDs for 360° visibility.
- Sleek low-profile housing design. Magnet-initiated alarm test function.
- Stable photoelectric smoke sensing chamber. No adjustment or replacement required. Auto-reset function available with some models
- High immunity against unwanted alarms.
- 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
- Connects to zone monitor for use with addressable control and indicating equipment

TECHNICAL SPECIFICATIONS

OPERATING VOLTAGE	DC (9 / 33) V
START-UP CURRENT	≤ 140 µA
STANDBY CURRENT	≤ 50 µA
ALARM CURRENT	40 mA / 90 mA
RESET VOLTAGE	≤ 1 V
RESET TIME	≤ 3 s
ALARM RESPONSE THRESHOLD	0.01 dB/m ~ 0.03 dB/m
OPERATING TEMPERATURE	-4 °C ~ +40 °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-42

ORDER CODE	2-Wire	4-Wire	Remote LED Output	Magnet-Initiated Test	Auto Reset
NB606-2	✓				
NB606-2M	✓			✓	
NB606-2-AR	✓				✓
NB606-2M-AR	✓			✓	✓
NB606-2L	✓		✓		
NB606-2LM	✓		✓	✓	
NB606-2L-AR	✓		✓		✓
NB606-2LM-AR	✓		✓	✓	✓
NB606-4		✓			
NB606-4M		✓		✓	
NB606-4-AR		✓			✓
NB606-4M-AR		✓		✓	✓

