

NB741

Smoke Alarm (3V Lithium Battery)



EN 14604



NB741 smoke alarms provide battery powered smoke detection and alarm functions within a single unit. Advanced electronics in conjunction with a photoelectric smoke sensing chamber provide early detection of smoke and high immunity against unwanted alarms. NB741 smoke alarms do not require a mains supply and are suitable for general residential applications.

Key Features

- Photoelectric smoke sensing chamber technology
- Smoke chamber fault monitoring
- Test and Hush features in a single button
- Test condition verifies battery and alarm operation
- Hush feature reduces smoke sensitivity if the alarm is not a real fire. The hush time is 9 minutes.
- Loud 85 dB sounder to alert occupants
- Surface-mount device (SMD) circuit board design
- Available with replaceable 1-, 5- or 10-year lithium battery
- Low quiescent current consumption
- 30 day low battery warning signal
- Interconnection function available on some models to connect up to 16 units together
- Choice of different top cover designs
- Easy installation
- Low maintenance

TECHNICAL SPECIFICATIONS

POWER SOURCE	3 V Lithium Battery
ALARM RESPONSE THRESHOLD	0.10 dB/m ~ 0.16 dB/m
VISUAL ALARM INDICATOR	Red LED
LOCAL ALARM MEMORY INDICATOR	Green LED
AUDIBLE ALARM SOUNDER OUTPUT	≥ 85 dB @ 3 m
NUMBER OF INTERCONNECTED UNITS ^a	16
LOW BATTERY SIGNAL	Audible signal each 43 s for 30 days
OPERATING TEMPERATURE	0 °C ~ +45 °C
OPERATING HUMIDITY	10 % ~ 90 % RH, non-condensing
STORAGE TEMPERATURE	-25 °C ~ +80 °C
STORAGE HUMIDITY	0 % ~ 98 % RH, non-condensing
DIMENSIONS	Ø 100 mm × 45 mm

^a Available with certain models only. See Order Information below. Compatible with NB740 smoke alarm. Maximum cable length is 150 m.

ORDER CODE	Interconnect	1-year battery	5-year battery	10-year battery	Cover Type
NB741-S1-1		✓			1
NB741-ST1-1	✓	✓			1
NB741-S1-5			✓		1
NB741-ST1-5	✓		✓		1
NB741-S1-10				✓	1
NB741-ST1-10	✓			✓	1