

# NB358

## Smoke Detector



EN-54

EN54-7

**NB358 analogue addressable photoelectric smoke detectors** are microprocessor controlled state-of-the-art detectors suitable for connection to addressable fire detection control and indicating equipment. Up to 126 detectors can be connected to each alarm zone loop. Detector addressing is electronically programmed into the detector at the time of installation.

### Key Features

- Advanced algorithms provide analogue detection discrimination
- Stable photoelectric smoke sensing chamber. No adjustment or replacement required
- High immunity against unwanted alarms
- Sleek low-profile housing design
- Dual LEDs for 360° visibility
- 2-wire connection
- DC 24 V operation
- Easy installation with simple electronic address programming
- Alternative DIP switch addressing option available
- Available with 126 usable detector address settings per loop when using either WizPro0 or WizPro1 communications protocol
- Optional remote LED output

### TECHNICAL SPECIFICATIONS

<b>OPERATING VOLTAGE</b>	DC (17 ~ 28) V
<b>START-UP CURRENT</b>	≤ 800 μA
<b>STANDBY CURRENT</b>	≤ 500 μA
<b>ALARM CURRENT (MAX)</b>	5 mA @ DC 24 V
<b>RESET VOLTAGE</b>	≤ 5 V
<b>RESET TIME</b>	≤ 30 s
<b>ALARM RESPONSE THRESHOLD</b>	0.09 dB/m ~ 0.14 dB/m
<b>REMOTE LED OUTPUT CURRENT (MAX)</b>	2 mA
<b>USABLE ADDRESSES PER ALARM ZONE CIRCUIT</b>	126
<b>OPERATING TEMPERATURE</b>	-10 °C ~ +50 °C
<b>OPERATING HUMIDITY</b>	0 % ~ 95 % RH, non-condensing
<b>ALARM INDICATOR</b>	Two continuous emitting red LEDs
<b>DIMENSIONS (EXCLUDING CONTACTS)</b>	∅ 100 mm × 35 mm
<b>INGRESS PROTECTION RATING</b>	IP-43

ORDER CODE	Electronic Addressing	DIP Switch Addressing	Remote LED Output
NB358A-S	✓		
NB358A-SL	✓		✓
NB358D-S		✓	
NB358D-SL		✓	✓

