

# NB758-H

## Heat Detector

**NB758 conventional 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. An electronic thermistor sensor provides sensitive rate-of-rise alarm operation, or fixed-temperature operation when the response threshold value is exceeded..



### Key Features

- Advanced algorithms provide excellent detection discrimination
- Easy installation. No programming required
- Sleek low-profile housing design
- Durable sensor. No adjustment or replacement required
- 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
- Connects to zone monitor for use with addressable control and indicating equipment



### TECHNICAL SPECIFICATIONS

<b>OPERATING VOLTAGE</b>	DC (9 / 33) V
<b>START-UP CURRENT</b>	170 µA
<b>STANDBY CURRENT</b>	50 µA
<b>ALARM CURRENT</b>	40 mA / 90 mA
<b>RESET VOLTAGE</b>	≤ 1 V
<b>RESET TIME</b>	≤ 3 s
<b>ALARM RESPONSE THRESHOLD</b>	59 °C static temperature, and 11.1°C /min rate-of-rise temperature
<b>OPERATING TEMPERATURE</b>	-10 °C ~ +37,8 °C
<b>OPERATING HUMIDITY</b>	0 % ~ 95 % RH, non-condensing
<b>ALARM INDICATOR</b>	Two continuous emitting red LEDs
<b>DIMENSIONS (EXCLUDING CONTACTS)</b>	Ø 100 mm × 37 mm
<b>INGRESS PROTECTION RATING</b>	IP-43

ORDER CODE	2-Wire	4-Wire	Remote LED Output	Magnet-Initiated Test
NB758-H2	✓			
NB758-H2M	✓			✓
NB758-H2L	✓		✓	
NB758-H2LM	✓		✓	✓
NB758-H4		✓		
NB758-H4M		✓		✓

