

Alarmline digital cable H8040N

Features:

- Simple digital switch operation
- Continuous sensing along the total length of the element
- Fixed alarm temperature. Unaffected by changes in ambient temperature
- Compatible with switch monitoring units and conventional alarm panels
- Suitable for use in Hazardous areas using safety barriers
- Chemical and water resistant
- Rugged and durable construction
- Simple maintenance free installation
- Small bend radius and diameter



Applications:

- Conveyors / bearing protection
- Escalators / moving walkways
- Petro-chemical storage tanks, rim-seal protection
- Cable tunnel / tray protection
- Road and rail tunnels
- Road and rail motor compartments
- Electrical switch gear and transformers
- Refrigerated rooms and cold stores
- Motor and pump overheat detection
- Dirty and dusty environments
- Building exteriors under eaves

The simple and proven technology of digital Linear Heat Detection (LHD) cable, makes it a product of choice for difficult and challenging applications where other technologies struggle to work.

With its ease of installation and low maintenance it also provides a cost effective solution where project expenditure requires to be kept at a minimum.

The sensing cable is formed from a pair of twisted steel conductors each with temperature sensitive insulation and then an overall Nylon outer sleeve. When the temperature sensitive insulation reaches its predetermined alarm temperature the two conductors short together providing the digital or switched signal.

Approvals:

- FM approved

The cable can be connected to any unit capable of monitoring a switched signal, i.e. conventional fire panel, addressable switch monitor unit or PLC.

The nylon outer sleeve of the H8040N offers good chemical and water resistance, allowing it to be deployed in harsh and dirty environments.

SenseTek B.V.
Abberdaan 162
1046 AB Amsterdam
T +31 (0)20 - 6131611
F +31 (0)20 - 6132212
W www.sensetek.nl
E info@sensetek.nl



Alarmline digital cable H8040N

Specifications:

| | |
|-------------------------------|--|
| Alarm temperature | 68°C |
| Max ambient temperature | 45°C |
| Min. operating temperature | -40°C |
| Min. installation temperature | -15°C |
| Outside diameter | 3.35mm |
| Colour | black |
| Number of cores | 2 |
| Core diameters | 0.9mm |
| Core colours | black and red |
| Minimum bend radius | 50mm (cold store 100mm) |
| Weight | 18kg/km on reel (weight of the reel typically 2 kg) |
| Resistance | 100 Ohms/km @ 20°C |
| Capacitance | 45 pF to 120 pF |
| Inductance | 0.74 μ H to 1.3 μ H |
| Voltage rating | 110Vdc 1A |
| Time to detect small flame | 5 sec (flame touching) |

Ordering information:

| P.no. | Description |
|--------|------------------------------|
| T87368 | Alarmline digital cable 68°C |