



## Siechem Linear Heat Detection Cable (Alarm Temperature 240°C)

### Application

- ✓ 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 & transformers
- ✓ Refrigerated rooms and cold stores.
- ✓ Building exteriors under eaves
- ✓ Motor and pump overheat detection.
- ✓ Dirty and dusty environments.
- ✓ Car parks and bulk storage

### Product Construction

- ✓ Conductor : Special Alloy Wires
- ✓ Insulation : Temperature Sensitive Polymer
- ✓ Insulation Colour : Black Core with Number Printing (1&2)
- ✓ Outer Sleeve : Protective Fluoropolymer
- ✓ Sleeve Color : White

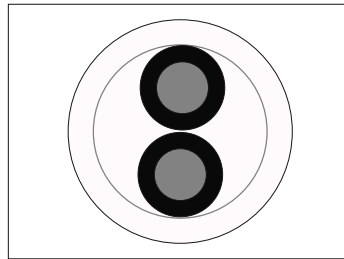
### Technical Data

- ✓ Voltage Rating : 110 V DC
- ✓ Alarm Temperature : 240°C
- ✓ Max. Ambient Temperature : 200°C
- ✓ Min. Operating Temperature : -50°C
- ✓ Min. Installation Temperature : -20°C
- ✓ Capacitance at 1 kHz : 45 pF to 130 pF
- ✓ Inductance : 0.74 μH to 1.3 μH
- ✓ Max. DC Conductor Resistance : 100Ω/km @ 20°C
- ✓ Time to detect small flame : 20 sec (Flame touching)
- ✓ Melting Temperature : 200°C

### Features

- ✓ Simple digital switch operation.
- ✓ Fewer false alarms and false suppressant discharge with Confirmed Temperature Initiation (CTI).
- ✓ Continuous sensing along the total length of the elements.
- ✓ Detection device works with fire alarm system interface and modules that identify source and temperature of hazard.
- ✓ Provides hazard coverage at every point on the cable for maximum protection.
- ✓ 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 & water resistant fluoropolymer outer sleeve
- ✓ Rugged and durable construction.
- ✓ Simple maintenance free installation

### 2D View



ISO 9001	ISO 14001	IATF 16949	AS 9100
ISO 45001			

Part Number	Conductor Construction					Insulation Wall Thickness (Nom)	Core Diameter (Nom)	Outer Sheath Thickness (Nom)	Overall Diameter (Nom)	Approx. Cable Weight	Max. Conductor Resistance at 20°C
	No. of Core	Cable size	No. of Strand	Strands Wire (Max.)	Conductor Diameter (Max.)						
B933A5102	Nos. 2	Sq.mm 0.64	No. 1	mm 0.9	mm 0.9	mm 0.20	mm 3.0	mm 0.20	mm 3.5	kg/km 24	Ω/km 100



Siechem Wires & Cables Meet EU RoHS Directive

Lead Free	Hg Free	Cd Free	Cr <sup>6+</sup> Free	PBB Free	PBDE Free
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www.siechem.com