

LINEAR HEAT DETECTOR CABLES - HDC

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EN 54-28 FIRE DETECTION AND ALARM SYSTEM.
PART 28 NON-RESETTABLE LINE-TYPE HEAT DETECTORS.
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- HDC - 68
- HDC - 88
- HDC - 105
- HDC - 138



THE FIRST STEP
TOWARDS SAFETY



Conducting Value

LINEAR HEAT DETECTOR CABLES - HDC

HDC LINEAR HEAT DETECTOR CABLES ARE RELIABLE AND ECONOMIC TOOLS FOR MONITORING ABNORMAL HEAT INCREASE WHICH OFTEN IS A PRELIMINARY STAGE OF A FULL FIRE EVENT.

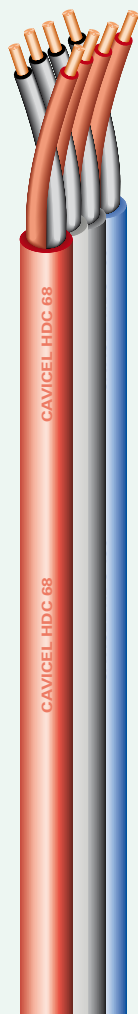
The **HDC** sensor cable detects heat anywhere along its length: it is a **continuous** heat detector unlike the standard point detector. The **HDC** sensor cable is composed by two copper covered steel wires, individually insulated with a thermosensitive polymer. At the rated temperature the polymer insulation melts, thus permitting the conductors to short-circuit and generate an alarm signal. Four temperature alarm levels are available: **68 °C, 88 °C, 105 °C** and **138 °C**.

APPLICATIONS

- Pipelines
- Storage Tanks
- Cable Trays
- Aircraft Hangars
- Control Rooms
- Warehouses
- Bridges and Tunnels
- Mines
- Cooling Towers
- Escalators

FEATURES AND BENEFITS

- Ease of installation and maintenance
- Fast substitution of the shorted circuit cable sector
- Suitable to any dangerous or difficult access areas
- Short response times
- Minimum false alarms
- Simple integration with fire extinguishing systems



	HDC-68	HDC-88	HDC-105	HDC-138
Alarm temperature	68±10%	88±10%	105±10%	138±10%
Outer sheath colour	red	white	black	blu
Conductors	Copper covered steel wire, ø 0.95 mm			
Insulation	Special thermosensitive polymer, red and black			
Cabling	Twisted insulated conductors			
Sheath	Extruded thermoplastic sheath			
Outer diameter	4.5 mm			
Weight	25 kg/km			
Max. ambient temperature	40°C 50°C 60°C 70°C			
Voltage rating	50 V a.c. or 120 V d.c.			
Conductor resistance	300 Ω/km @ 20 °C			
Dietetric test	500 V d.c. x 1'			
Water and oil sheath resistance	good			
Flame propagation	IEC 60332-1			
Fire reaction CPR	Eca - EN 13501-6			
RoHS II	2011/65/EU			
CE	2014/35/EU			

HEADQUARTERS AND FACTORY

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