



HEAT SENSOR CABLES

Parameter	H8028	H8040	H8045	H8069	H9650
Conductor resistance Ω /km max @ 20°C	100	100	100	100	100
Insulation resistance (M Ω /km)	1000	1000	1000	1000	1000
Diameter (nom)	4.2	3.7	3.7	4.3	3.5
Trigger temperature (°C)	105	68	85	176	240
Time to detect small flame (seconds)	12	5	5	20	20
Pulling force (N)	50	50	50	50	50
Bend radius (mm)	50	50	50	50	50

PRODUCT DESCRIPTION:

Brand-Rex manufacture a wide range of heat sensor cables. They are used as a detector in electrical fire alarm systems. Initially developed for automatic continuously monitored sprinkler systems for warehouses and power station cable trays, the sensors are also used in simpler systems as pole detector or interconnect to conventional fire detection equipment.

PRODUCT CHARACTERISTICS:

- Conductor: Tinned copper clad steel wire
 - Insulation: A range of materials from polyolefin to Fluoropolymers according to design
 - Cable assembly: Cores cabled together
 - Binder: Optional polyester tape
 - Sheath: Braided tapes, polyolefin or Fluoropolymer
- All cables are Factory Mutual approved

The information contained in this document is valid and correct at the time of issue. However, we reserve the right to modify details without notice in the light of subsequent Standard / Specification changes and ongoing technical developments. Diagram colours are used for representation only.

