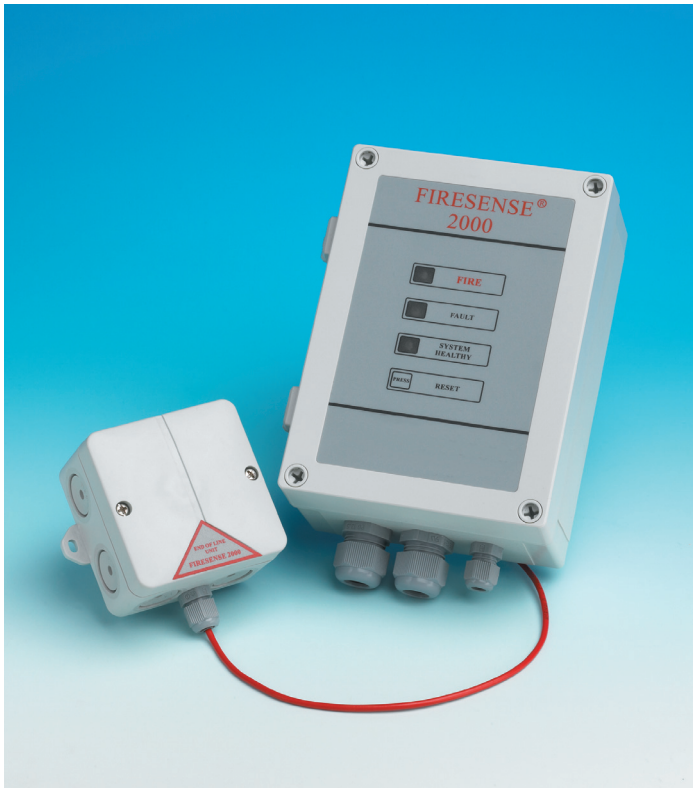
DATASHEET

FIRESENSE® 2000
Linear Heat Sensing Cable



Description

The Firesense® 2000 Linear Heat Detection Cable employs specially formulated polymers to provide achange in resistance with temperature that is monitored by the associated FS2000 controller. The insulation resistance of the coaxial cable falls when it is subjected to an increase in temperatureand provides repeatable values at all levels up to the destruction temperature of the cable.

This resistance change is monitored by the associated controller, which also provides a means of settingthe alarm temperature for a given length of cable.

The Firesense® 2000 cable is therefore ideal fordetecting the early stages of fire and overheat conditions and may be physically tested any number oftimes by the application of heat.

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Technical Specifications	
Part Number	220001
Construction	Coaxial with: Inner Core — Copper coated steel Insulation — Heat sensitive polymer Braid — Tinned copper wire Outer sheath — Red PVC
Conductor Resistance	Screen and core per 100 metres - 2 ohms
Diameter	2.8 mm nominal
Operating Temperature Range	20°C to +70°C (short excursions to 200°C)
Alarm Temperature Range	Typical -1 metre alarm range 70 to 125° C -10 metre alarm range 45 to 100°C (Alarm temperatures may be set within limits at the associated controller. See Installation Guide for further details)
Minimum Bend Radius	6 mm
Tensile Strength	Greater than 200N
Supports and Fixings	See Installation Guidelines for full details of available fixings
Weight	1.6 kg. per 100 metres

For further information contact your local Tyco Fire and Integrated Solutions office on:

tfis.marketing.uk@tycoint.com
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