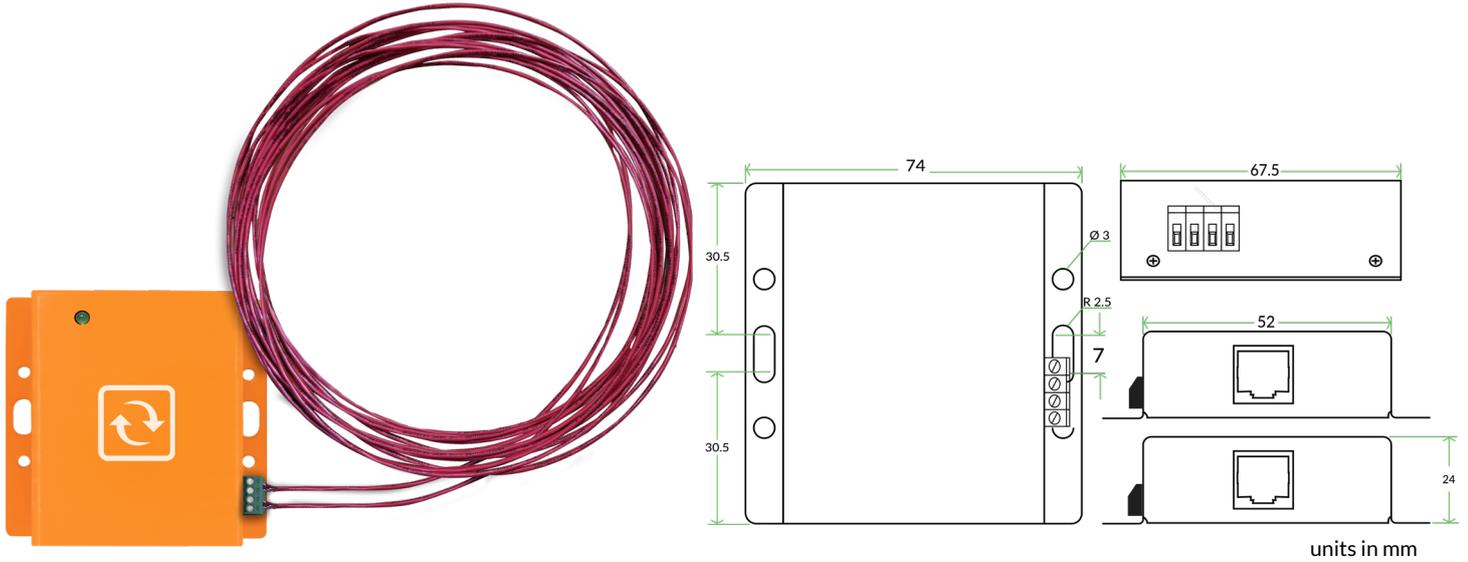# Linear Heat Trace Sensor (ENV-LHD)

units in mm

Digital sensor that uses the linear heat cable. This sensor is capable of sensing heat anywhere along the cable and initiate an alarm once it's fixed activation temperature is reached. Unlike the linear heat cables, the senso device is not a fire safety device. It is a temperature limit detection device.

Sensor Metrics:

Data output	Provides a NORMAL/ALARM detected in Base Unit
Detects the location	in meter

Technical Specifications:

Powered by and communicates with	Base Unit (BASE-XX) (required)
Connectivity	RJ45 cable transmitting data & power from Base Unit to Sensor
Cable specification	RJ45 CAT 6/7 recommended Up to 100m (330ft) subject to cable quality & interference
Supported cable	Protectowire PHSC cable up to 1200m
Number of supported cables	2
Sensor power usage	468mW

Environmental Specifications:

Operating temperature range	-40°C to +85°C (-40°F+185°F)
Humidity (operating and storage)	< 90% rH (non-condensating)

Physical Specifications:

Sensor enclosure	Steel enclosure, industrial grade
Mounting option	0U rack, DIN rail or wall mountable sensor
Dimensions	74mm (2.9") x 67.5 mm (2.7") x 24 mm (0.9")
Weight	120g (0.26lbs)