

**Product Code:
HSP**



Description:

The HSP temperature probe allows the monitoring of product temperatures on distribution lines in a non-invasive manner. The pipe clamping arrangement enables the rapid installation and removal of the unit to be made with ease. The threads of the connecting studs are fully enclosed within the clamps and the tops are sealed from the environment by the 'acorn' style nuts.

The sensors are available in type 'T' thermocouple or PT100 resistance thermometer format and the connection head can be supplied with a temperature transmitter for either safe or hazardous environments.

Specification:

MATERIAL	Top and Bottom Clamp: 316 stainless steel Connecting studs and acorn nut: 304 stainless steel Grommet: Silicone to FDA 21CFR 177.
CLAMP SIZES	To suit common Imperial and Metric tube sizes
CONNECTION HEAD	In white polypropylene or grade 316 stainless steel with screw cap and retention chain. Cable exit screwed M20 and environmental rating of IP67.
RTD OPTION	
DETECTOR	Single or duplex with 2,3 or 4 wire connection, Class 'A' or fractional DIN tolerance and to BS EN 60751:2008.
OPERATING RANGE	-50 to +150°C
THERMOCOUPLE OPTION	
ELEMENT	Single or duplex element, type 'T' (Cu/Con) in class 1 material to BS EN 60584-1:2013.
OPERATING RANGE	-50 to +150°C
OPTIONAL EXTRAS	A temperature transmitter can be specified in place of the connection block.

Datasheet : 011