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April 2020



Sense NEWS

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New Product

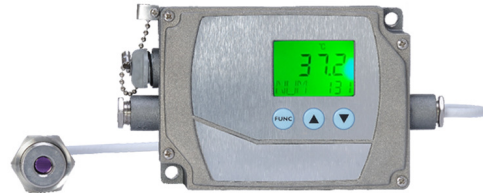
Pyrometer for Human Body Temperature Measurement

FEVER SPOT EL

FeverSPOT EL is a rugged and compact IR Pyrometer especially designed for human body temperature measurement with high accuracy of 0.3°C. Its measuring range from 0°C...50°C.

FeverSPOT EL gives digital output for communication and data logging. The pyrometer is equipped with a built LCD display with red & green back lights which

shows real time temperature and counting the number of people. User can change the unit of temperature °C/°F. Temperature hold time, Set point, Reset the storage data, Response time.



Key Features

- Temperature range from 0°C to 50°C
- Inbuilt data storage of counts with temperature
- 15:1 optics
- Two back lights (green & red) status indications and a buzzer for alarm indication
- Spectral range 8...14 μm
- 100 ms response time adjustable up to 10 sec
- USB 2.0 Digital output



Normal Temperature



Fever Condition

- RS-232/RS-485 Serial interface card
- User friendly PC software for communication
- Relay output

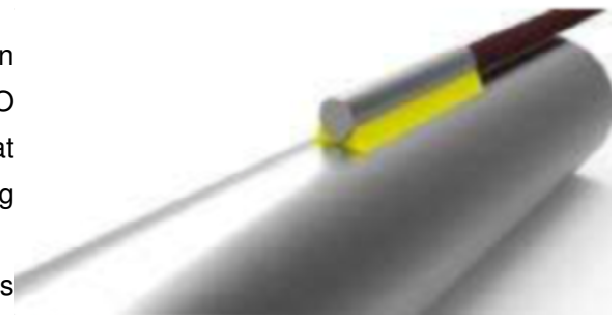
Knife Edge Thermocouple for Tube Skin Temperature Measurement

Tempens make Knife Edge Thermocouple for Tube Skin Temperature measurement are ideal temperature sensors for surface heat temperature measurement of tubes in critical application areas. This thermocouple model is available with measuring junction in form of weld pad suitable as per curvature of tube or in Knife edge form for fast response application.

Thermocouple wires are packed within high temperature insulation material MgO (Magnesium Oxide) which prevents heat loss if any which in effect helps in getting highly accurate output.

Tempens can customize the design as per the customer requirement. Expansion

loops or coiled design is also provided keeping in mind the thermal expansion that can happen to tube over longer periods of operation.



Key Features

- Thermocouple Type J, K, N and E
- Sheath Material SS 316, Inconel 600
- Calibration ANSI MC96.1/ IEC 584
- Insulation MgO (99% above purity)



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