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Инфракрасные датчики EXTEMP PIXSYS. Техническое описание

Intrinsically safe infrared temperature sensor, ATEX and IECEx certified



These sensors are designed primarily for use in hazardous areas in conjunction with a suitable safety barrier or isolator. All models have been certified Intrinsically Safe for use in gas and dust hazardous Areas. They comply with the European ATEX Directive 94/9/EC.

ExTemp intrinsically safe non-contact infrared temperature sensors measure the temperature of an area of the surface of a solid or liquid, and transmit this as a two-wire, linear 4-20 mA output.

Temperature ranges from -20°C to 1000°C are available. Models are available with a fixed or adjustable emissivity setting, and may be used to measure a wide variety of target materials, including food, paper, textiles, plastics, leather, tobacco, pharmaceuticals, chemicals, rubber, coal, asphalt and paint.

A choice of precision optics is available to measure small or large targets at short or long distances.

The optional USB adapter and included software allow configurable models to be connected to a PC for temperature indication, sensor configuration and data acquisition.

Ordering codes

2000.20.049

Ex301-LT-C-5 Sensor Spot 30:1 Out 4..20mA / -20..100°C

2000.20.050

Ex301-HT-C-5 Sensor Spot 30:1 Out 4..20mA/ 0..500°C