



New

Thermalert 4.0 Models with ATEX

Radir are pleased to announce an addition to our noncontact temperature measurement range with the ATEX Thermalert 4.0 models.

Each pyrometer conforms to Industry 4.0 standards, combines innovative digital technology with standard two-wire installations for all setups (such as optional HART communications) and **can now be ordered with ATEX certification**. With multiple communication options, this smart infrared measurement sensor provides the features customers need to understand temperature data and control their unique process in a compact, integrated package that is easy to install and operate.

With the ability to withstand ambient temperatures up to 85°C without extra cooling, as well as multiple wavelength options to support a broad range of applications, Thermalert 4.0 Series Pyrometers can provide a complete picture of even the harshest environments.



CONTROL
ENGINEERING



2019
ENGINEERS'
CHOICE
AWARDS

FINALISTS

Key Features Include:

- Durable stainless steel IP65 housing
- Withstands ambient temperatures from -20 °C to 85 °C
- Read temperature ranges from -40 °C to 2300 °C
- **NEW** Intrinsically safe models (ATEX/IECEX/CCC-IS certification)
- Analog input for ambient compensation and adjusting emissivity setting
- Multiple interfaces:
 - 2-wire loop powered for analog communication
 - 2-wire loop options specifically for HART protocols
 - 4-wire (Fieldbus Support Ethernet, EthernetIP, ProfinetIO)
 - 12-wire M16 and 6-pin terminal block for digital communication (RS485)
 - Various Fieldbus Support (Ethernet, EthernetIP, ProfinetIO)

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