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Global Pyroelectric Infrared Temperature Sensor Market Growth 2026-2032

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Abstracts

The global Pyroelectric Infrared Temperature Sensor market size is predicted to grow from US$ million in 2025 to US$ million in 2032; it is expected to grow at a CAGR of %from 2026 to 2032.

United States market for Pyroelectric Infrared Temperature Sensor is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Pyroelectric Infrared Temperature Sensor is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Pyroelectric Infrared Temperature Sensor is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Pyroelectric Infrared Temperature Sensor players cover Excelitas Technologies, Murata, Honeywell, Amphenol Advanced Sensors, Hamamatsu Photonics, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the ?Pyroelectric Infrared Temperature Sensor Industry Forecast? looks at past sales and reviews total world Pyroelectric Infrared Temperature Sensor sales in 2025, providing a comprehensive analysis by region and market sector of projected Pyroelectric Infrared Temperature Sensor sales for 2026 through 2032. With Pyroelectric Infrared Temperature Sensor

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sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Pyroelectric Infrared Temperature Sensor industry.

This Insight Report provides a comprehensive analysis of the global Pyroelectric Infrared Temperature Sensor landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Pyroelectric Infrared Temperature Sensor portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms? unique position in an accelerating global Pyroelectric Infrared Temperature Sensor market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Pyroelectric Infrared Temperature Sensor and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Pyroelectric Infrared Temperature Sensor.

This report presents a comprehensive overview, market shares, and growth opportunities of Pyroelectric Infrared Temperature Sensor market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Single Element Pyroelectric Sensors

Dual Element Pyroelectric Sensors

Others

Segmentation by Application:

Home Security and Automation

Occupancy Sensing

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- Industrial Automation
- Healthcare
- Automotive
- Smart Technology and IoT Devices
- Consumer Electronics
- Others

This report also splits the market by region:

- Americas
  - United States
  - Canada
  - Mexico
  - Brazil
- APAC
  - China
  - Japan
  - Korea
  - Southeast Asia
  - India
  - Australia

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- Europe
  - Germany
  - France
  - UK
  - Italy
  - Russia
- Middle East & Africa
  - Egypt
  - South Africa
  - Israel
  - Turkey
  - GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

- Excelitas Technologies
- Murata
- Honeywell
- Amphenol Advanced Sensors
- Hamamatsu Photonics

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InfraTec GmbH

Gentec Electro-Optics

KEMET

Winsen

Heimann Sensor

Key Questions Addressed in this Report

What is the 10-year outlook for the global Pyroelectric Infrared Temperature Sensor market?

What factors are driving Pyroelectric Infrared Temperature Sensor market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Pyroelectric Infrared Temperature Sensor market opportunities vary by end market size?

How does Pyroelectric Infrared Temperature Sensor break out by Type, by Application?

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