

# Temperature Transmitter Market Research

FIVE-YEAR MARKET ANALYSIS AND TECHNOLOGY FORECAST THROUGH 2023

## INTEGRATED ASSEMBLIES SEEING GREATER ADOPTION IN MARKET

This global temperature transmitter market research report comprises device-specific segmentation including transmitter type, intelligence, application, and communication protocol. Panel mount transmitters in DIN-style or rail-mounted configurations are used when the distance between the sensor measurement and control room is relatively short and free of plant electrical noise. Head mount transmitters fit into the field connection box or thermo-well head of temperature sensors. Field mount transmitters can be located at a certain distance away from the temperature sensors because of ambient and process temperature limitations or location and application considerations.

Field Device Integration (FDI) is now entering the temperature transmitter market.

FDI will allow users to focus on how to best use their applications instead of worrying about how everything will connect together.

One of the major trends in the industry is the growing use of integrated assemblies for process temperature measurement. An integrated assembly provides a thermowell, RTD, transmitter, and local LCD display with a single model number. This reduces costs for both suppliers and users by simplifying order processing and reducing installation costs. With an integrated assembly, the user gets a fully tested system, calibrated to match the sensor.

For more information, please visit us at [www.arcweb.com/market-studies/](http://www.arcweb.com/market-studies/).

## STRATEGIC ISSUES

This report assists suppliers and purchasers in staying abreast of technology advancements. It explores in-depth the key issues that will influence this business in the near future. These issues include:

- Short- and long-term prospects for the temperature transmitter business
- Growth potential in various regions and industries
- Influence of digital communication protocols on business
- Key elements for success in the temperature transmitter business

## RESEARCH FORMATS

This research is available as a Market Intelligence Workbook (Excel) and/or a concise, executive-level Market Analysis Report (PDF), with or without detailed charts.

## RESEARCH FOCUS AREAS

### STRATEGIC ANALYSIS

Major, Regional, and Industry Trends  
Strategic Recommendations

### COMPETITIVE ANALYSIS

Market Shares of the Leading Suppliers  
Market Shares by Region

North America  
Europe, Middle East, Africa  
Asia  
Latin America

Market Shares by Intelligence

Smart  
Conventional  
Low Cost

Market Shares by Sensor Type

Resistance Temperature Detector  
Thermocouple  
Multi-channel  
Universal

Market Shares by Industry

Chemical  
Electric Power Generation  
Food & Beverage  
Metals  
Mining  
Oil & Gas  
Pharmaceutical & Biotech  
Pulp & Paper  
Refining  
Water & Wastewater

Market Shares by Communication Protocol

Market Shares by Revenue Category  
Market Shares by Transmission Method  
Market Shares by Mounting Style  
Market Shares by Transmitter Housing  
Market Shares by Number of Head Mount Input Nodes

Market Shares by Fixture Type  
Market Shares by Safety Integrity Level  
Market Shares by Power Supply  
Market Shares by Customer Type  
Market Shares by Sales Channel

### MARKET FORECASTS & HISTORIES

Total Temperature Transmitter Business  
Shipments by Region  
Shipments by Transmitter Intelligence

Shipments by Sensor Type

Shipments by Industry  
Shipments by Communication Protocol  
Shipments by Revenue Category  
Shipments by Transmission Method  
Shipments by Mounting Style  
Shipments by Transmitter Housing Type  
Shipments by Number of Head Mount Input Nodes

Shipments by Fixture Type  
Shipments by Safety Integrity Level  
Shipments by Power Supply  
Shipments by Customer Type  
Shipments by Sales Channel

### INDUSTRY PARTICIPANTS

The research identifies all relevant suppliers serving this market.

The Worldwide Temperature Transmitter Market

