+357 96 030922
info@marketpublishers.com

Global R290 Sensor Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/G35DC40481FDEN.html
Date: September 2026
Pages: 125
Price: US$ 4,480.00 (Single User License)
ID: G35DC40481FDEN

Abstracts

The global R290 Sensor market size is expected to reach $ 69.02 million by 2032, rising at a market growth of 15.0% CAGR during the forecast period (2026-2032).

R290 Sensor is a type of gas sensor designed to detect the concentration or leakage of R290 refrigerant in refrigeration systems. R290, also known as propane, has the chemical formula C?H? and is classified as a highly flammable natural refrigerant. It is widely used in heat pumps, air conditioners, commercial refrigeration equipment, refrigerated display cabinets, refrigerators, and industrial refrigeration systems. R290 sensors typically use infrared, photoacoustic, semiconductor, or other gas-sensing technologies to continuously monitor R290 concentrations in the surrounding air. When the detected concentration reaches a predefined safety threshold, the sensor sends an alarm or control signal to the equipment control system, helping reduce the risk of fire or explosion caused by refrigerant leakage. In this study, R290 Sensors mainly include leak detection sensors, sensor modules, and intelligent detection modules used in refrigeration and HVAC equipment, excluding general-purpose propane sensors used only for LPG alarms, fuel gas monitoring, or industrial process measurement.R290 Sensors are generally priced at approximately USD 20–80 per unit for mainstream OEM applications, although prices vary significantly by sensing technology, accuracy, certification, output interface, and order volume. Basic semiconductor/MOS sensors may cost around USD 5–20/unit, while NDIR and photoacoustic R290 sensor modules typically range from USD 25–80/unit. High-performance industrial or intelligent leak-detection modules can reach USD 80–200 or more per unit. For reference, Senseair Sunlight R290 is currently listed at about USD 28.7/unit at 250-piece volume, while Amphenol SGX INIR7-R290 is around USD 55/unit at 100 pieces; specialized industrial NDIR products can exceed USD 190/unit. The upstream industry chain mainly includes infrared emitters, MEMS components, semiconductor sensing materials, optical filters,

+357 96 030922
info@marketpublishers.com

microcontrollers, ASICs, housings, connectors, and calibration gases. Midstream manufacturers integrate sensing elements, signal-processing circuits, compensation algorithms, communication interfaces, and safety functions into calibrated sensor modules. Downstream customers mainly include heat pump, air-conditioning, commercial refrigeration, refrigerator/freezer, cold-chain, industrial refrigeration, and transportation refrigeration equipment manufacturers.

Report Scope

This report studies the global R290 Sensor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for R290 Sensor and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of R290 Sensor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global R290 Sensor total production and demand, 2021-2032, (K Units)

Global R290 Sensor total production value, 2021-2032, (USD Million)

Global R290 Sensor production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global R290 Sensor consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: R290 Sensor domestic production, consumption, key domestic manufacturers and share

Global R290 Sensor production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global R290 Sensor production by Type, production, value, CAGR, 2021-2032,

+357 96 030922
info@marketpublishers.com

(USD Million) & (K Units)

Global R290 Sensor production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global R290 Sensor market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Sensirion AG, Danfoss, NevadaNano, Amphenol, TE Connectivity, AKM, NISSHA FIS, Cubic Sensor and Instrument, Zhengzhou Winsen Electronics, smartGAS Mikrosensorik, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World R290 Sensor market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (K Units) and average price (US$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global R290 Sensor Market, By Region:

United States

China

Europe

Japan

+357 96 030922
info@marketpublishers.com

South Korea

ASEAN

India

Rest of World

Market Segmentation

Global R290 Sensor Market, Segmentation by Type:

DIR Infrared Sensor

Photoacoustic Sensor

Semiconductor/MOS Sensor

Other

Global R290 Sensor Market, Segmentation by Installation:

Embedded Type

Duct-mounted Type.

Remote Type

Global R290 Sensor Market, Segmentation by Detection Range:

Low Concentration R290 Sensors

LEL-range R290 Sensors

Wide-range R290 Sensors

+357 96 030922
info@marketpublishers.com

Global R290 Sensor Market, Segmentation by Application:

Heat Pumps and Air Conditioning

Commercial Refrigeration

Industrial Refrigeration and Cold Chain

Refrigerators and Freezers

Transport Refrigeration and Automotive HVAC

Others

Companies Profiled:

Sensirion AG

Danfoss

NevadaNano

Amphenol

TE Connectivity

AKM

NISSHA FIS

Cubic Sensor and Instrument

Zhengzhou Winsen Electronics

smartGAS Mikrosensorik

+357 96 030922
info@marketpublishers.com

Figaro Engineering

Key Questions Answered

1. How big is the global R290 Sensor market?
2. What is the demand of the global R290 Sensor market?
3. What is the year over year growth of the global R290 Sensor market?
4. What is the total value of the global R290 Sensor market?
5. Who are the Major Players in the global R290 Sensor market?
6. What are the growth factors driving the market demand?

+357 96 030922
info@marketpublishers.com

Contents

1 SUPPLY SUMMARY

1.1 R290 Sensor Introduction
1.2 World R290 Sensor Supply & Forecast
  1.2.1 World R290 Sensor Production Value (2021 & 2025 & 2032)
  1.2.2 World R290 Sensor Production (2021-2032)
  1.2.3 World R290 Sensor Pricing Trends (2021-2032)
1.3 World R290 Sensor Production by Region (Based on Production Site)
  1.3.1 World R290 Sensor Production Value by Region (2021-2032)
  1.3.2 World R290 Sensor Production by Region (2021-2032)
  1.3.3 World R290 Sensor Average Price by Region (2021-2032)
  1.3.4 North America R290 Sensor Production (2021-2032)
  1.3.5 Europe R290 Sensor Production (2021-2032)
  1.3.6 China R290 Sensor Production (2021-2032)
  1.3.7 Japan R290 Sensor Production (2021-2032)
  1.3.8 South Korea R290 Sensor Production (2021-2032)
  1.3.9 Southeast Asia R290 Sensor Production (2021-2032)
  1.3.10 China Taiwan R290 Sensor Production (2021-2032)
1.4 Market Drivers, Restraints and Trends
  1.4.1 R290 Sensor Market Drivers
  1.4.2 Factors Affecting Demand
  1.4.3 R290 Sensor Major Market Trends

2 DEMAND SUMMARY

2.1 World R290 Sensor Demand (2021-2032)
2.2 World R290 Sensor Consumption by Region
  2.2.1 World R290 Sensor Consumption by Region (2021-2026)
  2.2.2 World R290 Sensor Consumption Forecast by Region (2027-2032)
2.3 United States R290 Sensor Consumption (2021-2032)
2.4 China R290 Sensor Consumption (2021-2032)
2.5 Europe R290 Sensor Consumption (2021-2032)
2.6 Japan R290 Sensor Consumption (2021-2032)
2.7 South Korea R290 Sensor Consumption (2021-2032)
2.8 ASEAN R290 Sensor Consumption (2021-2032)
2.9 India R290 Sensor Consumption (2021-2032)

+357 96 030922
info@marketpublishers.com

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World R290 Sensor Production Value by Manufacturer (2021-2026)
3.2 World R290 Sensor Production by Manufacturer (2021-2026)
3.3 World R290 Sensor Average Price by Manufacturer (2021-2026)
3.4 R290 Sensor Company Evaluation Quadrant
3.5 Industry Rank and Concentration Rate (CR)
  3.5.1 Global R290 Sensor Industry Rank of Major Manufacturers
  3.5.2 Global Concentration Ratios (CR4) for R290 Sensor in 2025
  3.5.3 Global Concentration Ratios (CR8) for R290 Sensor in 2025
3.6 R290 Sensor Market: Overall Company Footprint Analysis
  3.6.1 R290 Sensor Market: Region Footprint
  3.6.2 R290 Sensor Market: Company Product Type Footprint
  3.6.3 R290 Sensor Market: Company Product Application Footprint
3.7 Competitive Environment
  3.7.1 Historical Structure of the Industry
  3.7.2 Barriers of Market Entry
  3.7.3 Factors of Competition
3.8 New Entrant and Capacity Expansion Plans
3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: R290 Sensor Production Value Comparison
  4.1.1 United States VS China: R290 Sensor Production Value Comparison (2021 & 2025 & 2032)
  4.1.2 United States VS China: R290 Sensor Production Value Market Share Comparison (2021 & 2025 & 2032)
4.2 United States VS China: R290 Sensor Production Comparison
  4.2.1 United States VS China: R290 Sensor Production Comparison (2021 & 2025 & 2032)
  4.2.2 United States VS China: R290 Sensor Production Market Share Comparison (2021 & 2025 & 2032)
4.3 United States VS China: R290 Sensor Consumption Comparison
  4.3.1 United States VS China: R290 Sensor Consumption Comparison (2021 & 2025 & 2032)
  4.3.2 United States VS China: R290 Sensor Consumption Market Share Comparison (2021 & 2025 & 2032)
4.4 United States Based R290 Sensor Manufacturers and Market Share, 2021-2026

+357 96 030922
info@marketpublishers.com

4.4.1 United States Based R290 Sensor Manufacturers, Headquarters and Production Site (States, Country)
4.4.2 United States Based Manufacturers R290 Sensor Production Value (2021-2026)
4.4.3 United States Based Manufacturers R290 Sensor Production (2021-2026)
4.5 China Based R290 Sensor Manufacturers and Market Share
4.5.1 China Based R290 Sensor Manufacturers, Headquarters and Production Site (Province, Country)
4.5.2 China Based Manufacturers R290 Sensor Production Value (2021-2026)
4.5.3 China Based Manufacturers R290 Sensor Production (2021-2026)
4.6 Rest of World Based R290 Sensor Manufacturers and Market Share, 2021-2026
4.6.1 Rest of World Based R290 Sensor Manufacturers, Headquarters and Production Site (State, Country)
4.6.2 Rest of World Based Manufacturers R290 Sensor Production Value (2021-2026)
4.6.3 Rest of World Based Manufacturers R290 Sensor Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World R290 Sensor Market Size Overview by Type: 2021 VS 2025 VS 2032
5.2 Segment Introduction by Type
5.2.1 DIR Infrared Sensor
5.2.2 Photoacoustic Sensor
5.2.3 Semiconductor/MOS Sensor
5.2.4 Other
5.3 Market Segment by Type
5.3.1 World R290 Sensor Production by Type (2021-2032)
5.3.2 World R290 Sensor Production Value by Type (2021-2032)
5.3.3 World R290 Sensor Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY INSTALLATION

6.1 World R290 Sensor Market Size Overview by Installation: 2021 VS 2025 VS 2032
6.2 Segment Introduction by Installation
6.2.1 Embedded Type
6.2.2 Duct-mounted Type.
6.2.3 Remote Type
6.3 Market Segment by Installation
6.3.1 World R290 Sensor Production by Installation (2021-2032)
6.3.2 World R290 Sensor Production Value by Installation (2021-2032)
6.3.3 World R290 Sensor Average Price by Installation (2021-2032)

+357 96 030922
info@marketpublishers.com

7 MARKET ANALYSIS BY DETECTION RANGE

7.1 World R290 Sensor Market Size Overview by Detection Range: 2021 VS 2025 VS 2032
7.2 Segment Introduction by Detection Range
  7.2.1 Low Concentration R290 Sensors
  7.2.2 LEL-range R290 Sensors
  7.2.3 Wide-range R290 Sensors
7.3 Market Segment by Detection Range
  7.3.1 World R290 Sensor Production by Detection Range (2021-2032)
  7.3.2 World R290 Sensor Production Value by Detection Range (2021-2032)
  7.3.3 World R290 Sensor Average Price by Detection Range (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World R290 Sensor Market Size Overview by Application: 2021 VS 2025 VS 2032
8.2 Segment Introduction by Application
  8.2.1 Heat Pumps and Air Conditioning
  8.2.2 Commercial Refrigeration
  8.2.3 Industrial Refrigeration and Cold Chain
  8.2.4 Refrigerators and Freezers
  8.2.5 Transport Refrigeration and Automotive HVAC
  8.2.6 Others
8.3 Market Segment by Application
  8.3.1 World R290 Sensor Production by Application (2021-2032)
  8.3.2 World R290 Sensor Production Value by Application (2021-2032)
  8.3.3 World R290 Sensor Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Sensirion AG
  9.1.1 Sensirion AG Details
  9.1.2 Sensirion AG Major Business
  9.1.3 Sensirion AG R290 Sensor Product and Services
  9.1.4 Sensirion AG R290 Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
  9.1.5 Sensirion AG Recent Developments/Updates
  9.1.6 Sensirion AG Competitive Strengths & Weaknesses

+357 96 030922
info@marketpublishers.com

9.2 Danfoss
9.2.1 Danfoss Details
9.2.2 Danfoss Major Business
9.2.3 Danfoss R290 Sensor Product and Services
9.2.4 Danfoss R290 Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.2.5 Danfoss Recent Developments/Updates
9.2.6 Danfoss Competitive Strengths & Weaknesses
9.3 NevadaNano
9.3.1 NevadaNano Details
9.3.2 NevadaNano Major Business
9.3.3 NevadaNano R290 Sensor Product and Services
9.3.4 NevadaNano R290 Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.3.5 NevadaNano Recent Developments/Updates
9.3.6 NevadaNano Competitive Strengths & Weaknesses
9.4 Amphenol
9.4.1 Amphenol Details
9.4.2 Amphenol Major Business
9.4.3 Amphenol R290 Sensor Product and Services
9.4.4 Amphenol R290 Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.4.5 Amphenol Recent Developments/Updates
9.4.6 Amphenol Competitive Strengths & Weaknesses
9.5 TE Connectivity
9.5.1 TE Connectivity Details
9.5.2 TE Connectivity Major Business
9.5.3 TE Connectivity R290 Sensor Product and Services
9.5.4 TE Connectivity R290 Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.5.5 TE Connectivity Recent Developments/Updates
9.5.6 TE Connectivity Competitive Strengths & Weaknesses
9.6 AKM
9.6.1 AKM Details
9.6.2 AKM Major Business
9.6.3 AKM R290 Sensor Product and Services
9.6.4 AKM R290 Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.6.5 AKM Recent Developments/Updates

+357 96 030922
info@marketpublishers.com

9.6.6 AKM Competitive Strengths & Weaknesses
9.7 NISSHA FIS
9.7.1 NISSHA FIS Details
9.7.2 NISSHA FIS Major Business
9.7.3 NISSHA FIS R290 Sensor Product and Services
9.7.4 NISSHA FIS R290 Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.7.5 NISSHA FIS Recent Developments/Updates
9.7.6 NISSHA FIS Competitive Strengths & Weaknesses
9.8 Cubic Sensor and Instrument
9.8.1 Cubic Sensor and Instrument Details
9.8.2 Cubic Sensor and Instrument Major Business
9.8.3 Cubic Sensor and Instrument R290 Sensor Product and Services
9.8.4 Cubic Sensor and Instrument R290 Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.8.5 Cubic Sensor and Instrument Recent Developments/Updates
9.8.6 Cubic Sensor and Instrument Competitive Strengths & Weaknesses
9.9 Zhengzhou Winsen Electronics
9.9.1 Zhengzhou Winsen Electronics Details
9.9.2 Zhengzhou Winsen Electronics Major Business
9.9.3 Zhengzhou Winsen Electronics R290 Sensor Product and Services
9.9.4 Zhengzhou Winsen Electronics R290 Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.9.5 Zhengzhou Winsen Electronics Recent Developments/Updates
9.9.6 Zhengzhou Winsen Electronics Competitive Strengths & Weaknesses
9.10 smartGAS Mikrosensorik
9.10.1 smartGAS Mikrosensorik Details
9.10.2 smartGAS Mikrosensorik Major Business
9.10.3 smartGAS Mikrosensorik R290 Sensor Product and Services
9.10.4 smartGAS Mikrosensorik R290 Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.10.5 smartGAS Mikrosensorik Recent Developments/Updates
9.10.6 smartGAS Mikrosensorik Competitive Strengths & Weaknesses
9.11 Figaro Engineering
9.11.1 Figaro Engineering Details
9.11.2 Figaro Engineering Major Business
9.11.3 Figaro Engineering R290 Sensor Product and Services
9.11.4 Figaro Engineering R290 Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

+357 96 030922
info@marketpublishers.com

9.11.5 Figaro Engineering Recent Developments/Updates
9.11.6 Figaro Engineering Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 R290 Sensor Industry Chain
10.2 R290 Sensor Upstream Analysis
10.2.1 R290 Sensor Core Raw Materials
10.2.2 Main Manufacturers of R290 Sensor Core Raw Materials
10.3 Midstream Analysis
10.4 Downstream Analysis
10.5 R290 Sensor Production Mode
10.6 R290 Sensor Procurement Model
10.7 R290 Sensor Industry Sales Model and Sales Channels
10.7.1 R290 Sensor Sales Model
10.7.2 R290 Sensor Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology
12.2 Research Process and Data Source
12.3 Disclaimer

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. World R290 Sensor Production Value by Region (2021, 2025 and 2032) & (USD Million)
Table 2. World R290 Sensor Production Value by Region (2021-2026) & (USD Million)
Table 3. World R290 Sensor Production Value by Region (2027-2032) & (USD Million)
Table 4. World R290 Sensor Production Value Market Share by Region (2021-2026)
Table 5. World R290 Sensor Production Value Market Share by Region (2027-2032)
Table 6. World R290 Sensor Production by Region (2021-2026) & (K Units)
Table 7. World R290 Sensor Production by Region (2027-2032) & (K Units)
Table 8. World R290 Sensor Production Market Share by Region (2021-2026)
Table 9. World R290 Sensor Production Market Share by Region (2027-2032)
Table 10. World R290 Sensor Average Price by Region (2021-2026) & (US$/Unit)
Table 11. World R290 Sensor Average Price by Region (2027-2032) & (US$/Unit)
Table 12. R290 Sensor Major Market Trends
Table 13. World R290 Sensor Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)
Table 14. World R290 Sensor Consumption by Region (2021-2026) & (K Units)
Table 15. World R290 Sensor Consumption Forecast by Region (2027-2032) & (K Units)
Table 16. World R290 Sensor Production Value by Manufacturer (2021-2026) & (USD Million)
Table 17. Production Value Market Share of Key R290 Sensor Producers in 2025
Table 18. World R290 Sensor Production by Manufacturer (2021-2026) & (K Units)
Table 19. Production Market Share of Key R290 Sensor Producers in 2025
Table 20. World R290 Sensor Average Price by Manufacturer (2021-2026) & (US$/Unit)
Table 21. Global R290 Sensor Company Evaluation Quadrant
Table 22. World R290 Sensor Industry Rank of Major Manufacturers, Based on Production Value in 2025
Table 23. Head Office and R290 Sensor Production Site of Key Manufacturer
Table 24. R290 Sensor Market: Company Product Type Footprint
Table 25. R290 Sensor Market: Company Product Application Footprint
Table 26. R290 Sensor Competitive Factors
Table 27. R290 Sensor New Entrant and Capacity Expansion Plans
Table 28. R290 Sensor Mergers & Acquisitions Activity
Table 29. United States VS China R290 Sensor Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

+357 96 030922
info@marketpublishers.com

Table 30. United States VS China R290 Sensor Production Comparison, (2021 & 2025 & 2032) & (K Units)
Table 31. United States VS China R290 Sensor Consumption Comparison, (2021 & 2025 & 2032) & (K Units)
Table 32. United States Based R290 Sensor Manufacturers, Headquarters and Production Site (States, Country)
Table 33. United States Based Manufacturers R290 Sensor Production Value, (2021-2026) & (USD Million)
Table 34. United States Based Manufacturers R290 Sensor Production Value Market Share (2021-2026)
Table 35. United States Based Manufacturers R290 Sensor Production (2021-2026) & (K Units)
Table 36. United States Based Manufacturers R290 Sensor Production Market Share (2021-2026)
Table 37. China Based R290 Sensor Manufacturers, Headquarters and Production Site (Province, Country)
Table 38. China Based Manufacturers R290 Sensor Production Value, (2021-2026) & (USD Million)
Table 39. China Based Manufacturers R290 Sensor Production Value Market Share (2021-2026)
Table 40. China Based Manufacturers R290 Sensor Production, (2021-2026) & (K Units)
Table 41. China Based Manufacturers R290 Sensor Production Market Share (2021-2026)
Table 42. Rest of World Based R290 Sensor Manufacturers, Headquarters and Production Site (State, Country)
Table 43. Rest of World Based Manufacturers R290 Sensor Production Value, (2021-2026) & (USD Million)
Table 44. Rest of World Based Manufacturers R290 Sensor Production Value Market Share (2021-2026)
Table 45. Rest of World Based Manufacturers R290 Sensor Production, (2021-2026) & (K Units)
Table 46. Rest of World Based Manufacturers R290 Sensor Production Market Share (2021-2026)
Table 47. World R290 Sensor Production Value by Type, (USD Million), 2021 & 2025 & 2032
Table 48. World R290 Sensor Production by Type (2021-2026) & (K Units)
Table 49. World R290 Sensor Production by Type (2027-2032) & (K Units)
Table 50. World R290 Sensor Production Value by Type (2021-2026) & (USD Million)

+357 96 030922
info@marketpublishers.com

Table 51. World R290 Sensor Production Value by Type (2027-2032) & (USD Million)
Table 52. World R290 Sensor Average Price by Type (2021-2026) & (US$/Unit)
Table 53. World R290 Sensor Average Price by Type (2027-2032) & (US$/Unit)
Table 54. World R290 Sensor Production Value by Installation, (USD Million), 2021 & 2025 & 2032
Table 55. World R290 Sensor Production by Installation (2021-2026) & (K Units)
Table 56. World R290 Sensor Production by Installation (2027-2032) & (K Units)
Table 57. World R290 Sensor Production Value by Installation (2021-2026) & (USD Million)
Table 58. World R290 Sensor Production Value by Installation (2027-2032) & (USD Million)
Table 59. World R290 Sensor Average Price by Installation (2021-2026) & (US$/Unit)
Table 60. World R290 Sensor Average Price by Installation (2027-2032) & (US$/Unit)
Table 61. World R290 Sensor Production Value by Detection Range, (USD Million), 2021 & 2025 & 2032
Table 62. World R290 Sensor Production by Detection Range (2021-2026) & (K Units)
Table 63. World R290 Sensor Production by Detection Range (2027-2032) & (K Units)
Table 64. World R290 Sensor Production Value by Detection Range (2021-2026) & (USD Million)
Table 65. World R290 Sensor Production Value by Detection Range (2027-2032) & (USD Million)
Table 66. World R290 Sensor Average Price by Detection Range (2021-2026) & (US$/Unit)
Table 67. World R290 Sensor Average Price by Detection Range (2027-2032) & (US$/Unit)
Table 68. World R290 Sensor Production Value by Application, (USD Million), 2021 & 2025 & 2032
Table 69. World R290 Sensor Production by Application (2021-2026) & (K Units)
Table 70. World R290 Sensor Production by Application (2027-2032) & (K Units)
Table 71. World R290 Sensor Production Value by Application (2021-2026) & (USD Million)
Table 72. World R290 Sensor Production Value by Application (2027-2032) & (USD Million)
Table 73. World R290 Sensor Average Price by Application (2021-2026) & (US$/Unit)
Table 74. World R290 Sensor Average Price by Application (2027-2032) & (US$/Unit)
Table 75. Sensirion AG Basic Information, Manufacturing Base and Competitors
Table 76. Sensirion AG Major Business
Table 77. Sensirion AG R290 Sensor Product and Services
Table 78. Sensirion AG R290 Sensor Production (K Units), Price (US$/Unit), Production

+357 96 030922
info@marketpublishers.com

Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 79. Sensirion AG Recent Developments/Updates
Table 80. Sensirion AG Competitive Strengths & Weaknesses
Table 81. Danfoss Basic Information, Manufacturing Base and Competitors
Table 82. Danfoss Major Business
Table 83. Danfoss R290 Sensor Product and Services
Table 84. Danfoss R290 Sensor Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 85. Danfoss Recent Developments/Updates
Table 86. Danfoss Competitive Strengths & Weaknesses
Table 87. NevadaNano Basic Information, Manufacturing Base and Competitors
Table 88. NevadaNano Major Business
Table 89. NevadaNano R290 Sensor Product and Services
Table 90. NevadaNano R290 Sensor Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 91. NevadaNano Recent Developments/Updates
Table 92. NevadaNano Competitive Strengths & Weaknesses
Table 93. Amphenol Basic Information, Manufacturing Base and Competitors
Table 94. Amphenol Major Business
Table 95. Amphenol R290 Sensor Product and Services
Table 96. Amphenol R290 Sensor Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 97. Amphenol Recent Developments/Updates
Table 98. Amphenol Competitive Strengths & Weaknesses
Table 99. TE Connectivity Basic Information, Manufacturing Base and Competitors
Table 100. TE Connectivity Major Business
Table 101. TE Connectivity R290 Sensor Product and Services
Table 102. TE Connectivity R290 Sensor Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 103. TE Connectivity Recent Developments/Updates
Table 104. TE Connectivity Competitive Strengths & Weaknesses
Table 105. AKM Basic Information, Manufacturing Base and Competitors
Table 106. AKM Major Business
Table 107. AKM R290 Sensor Product and Services
Table 108. AKM R290 Sensor Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 109. AKM Recent Developments/Updates
Table 110. AKM Competitive Strengths & Weaknesses
Table 111. NISSHA FIS Basic Information, Manufacturing Base and Competitors

+357 96 030922
info@marketpublishers.com

Table 112. NISSHA FIS Major Business
Table 113. NISSHA FIS R290 Sensor Product and Services
Table 114. NISSHA FIS R290 Sensor Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 115. NISSHA FIS Recent Developments/Updates
Table 116. NISSHA FIS Competitive Strengths & Weaknesses
Table 117. Cubic Sensor and Instrument Basic Information, Manufacturing Base and Competitors
Table 118. Cubic Sensor and Instrument Major Business
Table 119. Cubic Sensor and Instrument R290 Sensor Product and Services
Table 120. Cubic Sensor and Instrument R290 Sensor Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 121. Cubic Sensor and Instrument Recent Developments/Updates
Table 122. Cubic Sensor and Instrument Competitive Strengths & Weaknesses
Table 123. Zhengzhou Winsen Electronics Basic Information, Manufacturing Base and Competitors
Table 124. Zhengzhou Winsen Electronics Major Business
Table 125. Zhengzhou Winsen Electronics R290 Sensor Product and Services
Table 126. Zhengzhou Winsen Electronics R290 Sensor Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 127. Zhengzhou Winsen Electronics Recent Developments/Updates
Table 128. Zhengzhou Winsen Electronics Competitive Strengths & Weaknesses
Table 129. smartGAS Mikrosensorik Basic Information, Manufacturing Base and Competitors
Table 130. smartGAS Mikrosensorik Major Business
Table 131. smartGAS Mikrosensorik R290 Sensor Product and Services
Table 132. smartGAS Mikrosensorik R290 Sensor Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 133. smartGAS Mikrosensorik Recent Developments/Updates
Table 134. smartGAS Mikrosensorik Competitive Strengths & Weaknesses
Table 135. Figaro Engineering Basic Information, Manufacturing Base and Competitors
Table 136. Figaro Engineering Major Business
Table 137. Figaro Engineering R290 Sensor Product and Services
Table 138. Figaro Engineering R290 Sensor Production (K Units), Price (US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 139. Figaro Engineering Recent Developments/Updates

+357 96 030922
info@marketpublishers.com

Table 140. Figaro Engineering Competitive Strengths & Weaknesses
Table 141. Global Key Players of R290 Sensor Upstream (Raw Materials)
Table 142. Global R290 Sensor Typical Customers
Table 143. R290 Sensor Typical Distributors

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. R290 Sensor Picture
Figure 2. World R290 Sensor Production Value: 2021 & 2025 & 2032, (USD Million)
Figure 3. World R290 Sensor Production Value and Forecast (2021-2032) & (USD Million)
Figure 4. World R290 Sensor Production (2021-2032) & (K Units)
Figure 5. World R290 Sensor Average Price (2021-2032) & (US$/Unit)
Figure 6. World R290 Sensor Production Value Market Share by Region (2021-2032)
Figure 7. World R290 Sensor Production Market Share by Region (2021-2032)
Figure 8. North America R290 Sensor Production (2021-2032) & (K Units)
Figure 9. Europe R290 Sensor Production (2021-2032) & (K Units)
Figure 10. China R290 Sensor Production (2021-2032) & (K Units)
Figure 11. Japan R290 Sensor Production (2021-2032) & (K Units)
Figure 12. South Korea R290 Sensor Production (2021-2032) & (K Units)
Figure 13. Southeast Asia R290 Sensor Production (2021-2032) & (K Units)
Figure 14. China Taiwan R290 Sensor Production (2021-2032) & (K Units)
Figure 15. R290 Sensor Market Drivers
Figure 16. Factors Affecting Demand
Figure 17. World R290 Sensor Consumption (2021-2032) & (K Units)
Figure 18. World R290 Sensor Consumption Market Share by Region (2021-2032)
Figure 19. United States R290 Sensor Consumption (2021-2032) & (K Units)
Figure 20. China R290 Sensor Consumption (2021-2032) & (K Units)
Figure 21. Europe R290 Sensor Consumption (2021-2032) & (K Units)
Figure 22. Japan R290 Sensor Consumption (2021-2032) & (K Units)
Figure 23. South Korea R290 Sensor Consumption (2021-2032) & (K Units)
Figure 24. ASEAN R290 Sensor Consumption (2021-2032) & (K Units)
Figure 25. India R290 Sensor Consumption (2021-2032) & (K Units)
Figure 26. Producer Shipments of R290 Sensor by Manufacturer Revenue ($MM) and Market Share (%): 2025
Figure 27. Global Four-firm Concentration Ratios (CR4) for R290 Sensor Markets in 2025
Figure 28. Global Four-firm Concentration Ratios (CR8) for R290 Sensor Markets in 2025
Figure 29. United States VS China: R290 Sensor Production Value Market Share Comparison (2021 & 2025 & 2032)
Figure 30. United States VS China: R290 Sensor Production Market Share Comparison

+357 96 030922
info@marketpublishers.com

(2021 & 2025 & 2032)
Figure 31. United States VS China: R290 Sensor Consumption Market Share Comparison (2021 & 2025 & 2032)
Figure 32. United States Based Manufacturers R290 Sensor Production Market Share 2025
Figure 33. China Based Manufacturers R290 Sensor Production Market Share 2025
Figure 34. Rest of World Based Manufacturers R290 Sensor Production Market Share 2025
Figure 35. World R290 Sensor Production Value by Type, (USD Million), 2021 & 2025 & 2032
Figure 36. World R290 Sensor Production Value Market Share by Type in 2025
Figure 37. DIR Infrared Sensor
Figure 38. Photoacoustic Sensor
Figure 39. Semiconductor/MOS Sensor
Figure 40. Other
Figure 41. World R290 Sensor Production Market Share by Type (2021-2032)
Figure 42. World R290 Sensor Production Value Market Share by Type (2021-2032)
Figure 43. World R290 Sensor Average Price by Type (2021-2032) & (US$/Unit)
Figure 44. World R290 Sensor Production Value by Installation, (USD Million), 2021 & 2025 & 2032
Figure 45. World R290 Sensor Production Value Market Share by Installation in 2025
Figure 46. Embedded Type
Figure 47. Duct-mounted Type.
Figure 48. Remote Type
Figure 49. World R290 Sensor Production Market Share by Installation (2021-2032)
Figure 50. World R290 Sensor Production Value Market Share by Installation (2021-2032)
Figure 51. World R290 Sensor Average Price by Installation (2021-2032) & (US$/Unit)
Figure 52. World R290 Sensor Production Value by Detection Range, (USD Million), 2021 & 2025 & 2032
Figure 53. World R290 Sensor Production Value Market Share by Detection Range in 2025
Figure 54. Low Concentration R290 Sensors
Figure 55. LEL-range R290 Sensors
Figure 56. Wide-range R290 Sensors
Figure 57. World R290 Sensor Production Market Share by Detection Range (2021-2032)
Figure 58. World R290 Sensor Production Value Market Share by Detection Range (2021-2032)

+357 96 030922
info@marketpublishers.com

Figure 59. World R290 Sensor Average Price by Detection Range (2021-2032) & (US$/Unit)
Figure 60. World R290 Sensor Production Value by Application, (USD Million), 2021 & 2025 & 2032
Figure 61. World R290 Sensor Production Value Market Share by Application in 2025
Figure 62. Heat Pumps and Air Conditioning
Figure 63. Commercial Refrigeration
Figure 64. Industrial Refrigeration and Cold Chain
Figure 65. Refrigerators and Freezers
Figure 66. Transport Refrigeration and Automotive HVAC
Figure 67. Others
Figure 68. World R290 Sensor Production Market Share by Application (2021-2032)
Figure 69. World R290 Sensor Production Value Market Share by Application (2021-2032)
Figure 70. World R290 Sensor Average Price by Application (2021-2032) & (US$/Unit)
Figure 71. R290 Sensor Industry Chain
Figure 72. R290 Sensor Procurement Model
Figure 73. R290 Sensor Sales Model
Figure 74. R290 Sensor Sales Channels, Direct Sales, and Distribution
Figure 75. Methodology
Figure 76. Research Process and Data Source

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global R290 Sensor Supply, Demand and Key Producers, 2026-2032

Product link: https://marketpublishers.com/r/G35DC40481FDEN.html

Price: US$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G35DC40481FDEN.html