

Global Automatic Transmission Fluid Temperature Sensor Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/A3B45A3CD44CEN.html>

Date: January 2026

Pages: 88

Price: US\$ 3,480.00 (Single User License)

ID: A3B45A3CD44CEN

Abstracts

According to our (Global Info Research) latest study, the global Automatic Transmission Fluid Temperature Sensor market size was valued at US\$ 592 million in 2025 and is forecast to a readjusted size of US\$ 813 million by 2032 with a CAGR of 4.6% during review period.

An Automatic Transmission Fluid Temperature Sensor is an automotive-grade thermal sensing device—typically using a thermistor or temperature-sensitive semiconductor element—installed inside the transmission valve body or fluid circuit to continuously measure ATF temperature. This real-time temperature feedback is used by the Transmission Control Unit (TCU) to optimize gear shifting, hydraulic pressure, torque converter lock-up, fluid viscosity compensation, thermal protection, and diagnostic functions, thereby improving transmission performance, durability, and vehicle fuel efficiency.

The Automatic Transmission Fluid Temperature Sensor industry chain begins upstream with suppliers of NTC thermistor elements, semiconductor dies, high-temperature plastics, stainless steel housings, wiring harness materials, connectors, and sealing components; proceeds midstream where Tier-1 suppliers design, assemble, overmold, calibrate, and test sensors using automated bonding, encapsulation, and thermal-cycle reliability processes; and ends downstream with transmission manufacturers, vehicle OEMs, and aftermarket distributors who integrate the sensors into AT, CVT, and DCT systems to support real-time fluid monitoring, thermal management, shift control, diagnostics, and long-term transmission durability across passenger and commercial vehicles.

Current and upcoming projects include expanded sensor manufacturing lines in Asia, North America, and Eastern Europe to meet higher demand for AT, CVT, and DCT transmissions; upgrades to automated overmolding and bonding equipment for enhanced precision; development of integrated temperature–pressure sensors for next-generation transmissions; new facilities supporting hybrid/EV e-drive thermal monitoring sensors; R&D for ultra-high-temperature sensors for commercial vehicles; and collaborations between OEMs and Tier-1 suppliers to localize production, reduce supply-chain risk, and support advanced TCU algorithms requiring higher accuracy and faster-response thermal data.

2025 Global Market sales Volume: 125 million units, Average Global Market Price: USD 4.6 per unit, Market Average Gross Profit Margin: 19%.

This report is a detailed and comprehensive analysis for global Automatic Transmission Fluid Temperature Sensor market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Automatic Transmission Fluid Temperature Sensor market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Automatic Transmission Fluid Temperature Sensor market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Automatic Transmission Fluid Temperature Sensor market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Automatic Transmission Fluid Temperature Sensor market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Automatic Transmission Fluid Temperature Sensor
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Automatic Transmission Fluid Temperature Sensor market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Amphenol, Hefei Bangli Electronics Co., Ltd., Robert Bosch GmbH, Continental, Texas Instruments, Panasonic, HELLA, DENSO, Valeo, etc.

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

Market Segmentation

Automatic Transmission Fluid Temperature Sensor market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

NTC Sensing Element Technology

RTD Sensing Element Technology

Others

Market segment by Structural Design

Probe-Type Insertion Sensors

Surface-Mounted

Valve-Body Embedded

Harness-Integrated

Market segment by Performance Class

Standard Automotive-Grade (?40°C To +150°C)

High-Temperature Endurance Sensors (>150°C)

Market segment by Application

Passenger Vehicle

Commercial Vehicle

Major players covered

Amphenol

Hefei Bangli Electronics Co., Ltd.

Robert Bosch GmbH

Continental

Texas Instruments

Panasonic

HELLA

DENSO

Valeo

Market segment by region, regional analysis covers
North America (United States, Canada, and Mexico)
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
South America (Brazil, Argentina, Colombia, and Rest of South America)
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Automatic Transmission Fluid Temperature Sensor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automatic Transmission Fluid Temperature Sensor, with price, sales quantity, revenue, and global market share of Automatic Transmission Fluid Temperature Sensor from 2021 to 2026.

Chapter 3, the Automatic Transmission Fluid Temperature Sensor competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Automatic Transmission Fluid Temperature Sensor breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Automatic Transmission Fluid Temperature Sensor market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Automatic

Transmission Fluid Temperature Sensor.

Chapter 14 and 15, to describe Automatic Transmission Fluid Temperature Sensor sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Automatic Transmission Fluid Temperature Sensor
Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 NTC Sensing Element Technology

1.3.3 RTD Sensing Element Technology

1.3.4 Others

1.4 Market Analysis by Structural Design

1.4.1 Overview: Global Automatic Transmission Fluid Temperature Sensor
Consumption Value by Structural Design: 2021 Versus 2025 Versus 2032

1.4.2 Probe-Type Insertion Sensors

1.4.3 Surface-Mounted

1.4.4 Valve-Body Embedded

1.4.5 Harness-Integrated

1.5 Market Analysis by Performance Class

1.5.1 Overview: Global Automatic Transmission Fluid Temperature Sensor
Consumption Value by Performance Class: 2021 Versus 2025 Versus 2032

1.5.2 Standard Automotive-Grade (?40°C To +150°C)

1.5.3 High-Temperature Endurance Sensors (>150°C)

1.6 Market Analysis by Application

1.6.1 Overview: Global Automatic Transmission Fluid Temperature Sensor
Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.6.2 Passenger Vehicle

1.6.3 Commercial Vehicle

1.7 Global Automatic Transmission Fluid Temperature Sensor Market Size & Forecast

1.7.1 Global Automatic Transmission Fluid Temperature Sensor Consumption Value
(2021 & 2025 & 2032)

1.7.2 Global Automatic Transmission Fluid Temperature Sensor Sales Quantity
(2021-2032)

1.7.3 Global Automatic Transmission Fluid Temperature Sensor Average Price
(2021-2032)

2 MANUFACTURERS PROFILES

2.1 Amphenol

2.1.1 Amphenol Details

2.1.2 Amphenol Major Business

2.1.3 Amphenol Automatic Transmission Fluid Temperature Sensor Product and Services

2.1.4 Amphenol Automatic Transmission Fluid Temperature Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 Amphenol Recent Developments/Updates

2.2 Hefei Bangli Electronics Co., Ltd.

2.2.1 Hefei Bangli Electronics Co., Ltd. Details

2.2.2 Hefei Bangli Electronics Co., Ltd. Major Business

2.2.3 Hefei Bangli Electronics Co., Ltd. Automatic Transmission Fluid Temperature Sensor Product and Services

2.2.4 Hefei Bangli Electronics Co., Ltd. Automatic Transmission Fluid Temperature Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.2.5 Hefei Bangli Electronics Co., Ltd. Recent Developments/Updates

2.3 Robert Bosch GmbH

2.3.1 Robert Bosch GmbH Details

2.3.2 Robert Bosch GmbH Major Business

2.3.3 Robert Bosch GmbH Automatic Transmission Fluid Temperature Sensor Product and Services

2.3.4 Robert Bosch GmbH Automatic Transmission Fluid Temperature Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.3.5 Robert Bosch GmbH Recent Developments/Updates

2.4 Continental

2.4.1 Continental Details

2.4.2 Continental Major Business

2.4.3 Continental Automatic Transmission Fluid Temperature Sensor Product and Services

2.4.4 Continental Automatic Transmission Fluid Temperature Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.4.5 Continental Recent Developments/Updates

2.5 Texas Instruments

2.5.1 Texas Instruments Details

2.5.2 Texas Instruments Major Business

2.5.3 Texas Instruments Automatic Transmission Fluid Temperature Sensor Product and Services

2.5.4 Texas Instruments Automatic Transmission Fluid Temperature Sensor Sales

Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.5.5 Texas Instruments Recent Developments/Updates

2.6 Panasonic

2.6.1 Panasonic Details

2.6.2 Panasonic Major Business

2.6.3 Panasonic Automatic Transmission Fluid Temperature Sensor Product and Services

2.6.4 Panasonic Automatic Transmission Fluid Temperature Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 Panasonic Recent Developments/Updates

2.7 HELLA

2.7.1 HELLA Details

2.7.2 HELLA Major Business

2.7.3 HELLA Automatic Transmission Fluid Temperature Sensor Product and Services

2.7.4 HELLA Automatic Transmission Fluid Temperature Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 HELLA Recent Developments/Updates

2.8 DENSO

2.8.1 DENSO Details

2.8.2 DENSO Major Business

2.8.3 DENSO Automatic Transmission Fluid Temperature Sensor Product and Services

2.8.4 DENSO Automatic Transmission Fluid Temperature Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 DENSO Recent Developments/Updates

2.9 Valeo

2.9.1 Valeo Details

2.9.2 Valeo Major Business

2.9.3 Valeo Automatic Transmission Fluid Temperature Sensor Product and Services

2.9.4 Valeo Automatic Transmission Fluid Temperature Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 Valeo Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: AUTOMATIC TRANSMISSION FLUID TEMPERATURE SENSOR BY MANUFACTURER

3.1 Global Automatic Transmission Fluid Temperature Sensor Sales Quantity by Manufacturer (2021-2026)

3.2 Global Automatic Transmission Fluid Temperature Sensor Revenue by

Manufacturer (2021-2026)

3.3 Global Automatic Transmission Fluid Temperature Sensor Average Price by Manufacturer (2021-2026)

3.4 Market Share Analysis (2025)

3.4.1 Producer Shipments of Automatic Transmission Fluid Temperature Sensor by Manufacturer Revenue (\$MM) and Market Share (%): 2025

3.4.2 Top 3 Automatic Transmission Fluid Temperature Sensor Manufacturer Market Share in 2025

3.4.3 Top 6 Automatic Transmission Fluid Temperature Sensor Manufacturer Market Share in 2025

3.5 Automatic Transmission Fluid Temperature Sensor Market: Overall Company Footprint Analysis

3.5.1 Automatic Transmission Fluid Temperature Sensor Market: Region Footprint

3.5.2 Automatic Transmission Fluid Temperature Sensor Market: Company Product Type Footprint

3.5.3 Automatic Transmission Fluid Temperature Sensor Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Automatic Transmission Fluid Temperature Sensor Market Size by Region

4.1.1 Global Automatic Transmission Fluid Temperature Sensor Sales Quantity by Region (2021-2032)

4.1.2 Global Automatic Transmission Fluid Temperature Sensor Consumption Value by Region (2021-2032)

4.1.3 Global Automatic Transmission Fluid Temperature Sensor Average Price by Region (2021-2032)

4.2 North America Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032)

4.3 Europe Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032)

4.4 Asia-Pacific Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032)

4.5 South America Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032)

4.6 Middle East & Africa Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

5.1 Global Automatic Transmission Fluid Temperature Sensor Sales Quantity by Type (2021-2032)

5.2 Global Automatic Transmission Fluid Temperature Sensor Consumption Value by Type (2021-2032)

5.3 Global Automatic Transmission Fluid Temperature Sensor Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Automatic Transmission Fluid Temperature Sensor Sales Quantity by Application (2021-2032)

6.2 Global Automatic Transmission Fluid Temperature Sensor Consumption Value by Application (2021-2032)

6.3 Global Automatic Transmission Fluid Temperature Sensor Average Price by Application (2021-2032)

7 NORTH AMERICA

7.1 North America Automatic Transmission Fluid Temperature Sensor Sales Quantity by Type (2021-2032)

7.2 North America Automatic Transmission Fluid Temperature Sensor Sales Quantity by Application (2021-2032)

7.3 North America Automatic Transmission Fluid Temperature Sensor Market Size by Country

7.3.1 North America Automatic Transmission Fluid Temperature Sensor Sales Quantity by Country (2021-2032)

7.3.2 North America Automatic Transmission Fluid Temperature Sensor Consumption Value by Country (2021-2032)

7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe Automatic Transmission Fluid Temperature Sensor Sales Quantity by Type (2021-2032)

8.2 Europe Automatic Transmission Fluid Temperature Sensor Sales Quantity by Application (2021-2032)

8.3 Europe Automatic Transmission Fluid Temperature Sensor Market Size by Country

8.3.1 Europe Automatic Transmission Fluid Temperature Sensor Sales Quantity by Country (2021-2032)

8.3.2 Europe Automatic Transmission Fluid Temperature Sensor Consumption Value by Country (2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific Automatic Transmission Fluid Temperature Sensor Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific Automatic Transmission Fluid Temperature Sensor Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific Automatic Transmission Fluid Temperature Sensor Market Size by Region

9.3.1 Asia-Pacific Automatic Transmission Fluid Temperature Sensor Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific Automatic Transmission Fluid Temperature Sensor Consumption Value by Region (2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America Automatic Transmission Fluid Temperature Sensor Sales Quantity by Type (2021-2032)

10.2 South America Automatic Transmission Fluid Temperature Sensor Sales Quantity by Application (2021-2032)

10.3 South America Automatic Transmission Fluid Temperature Sensor Market Size by

Country

10.3.1 South America Automatic Transmission Fluid Temperature Sensor Sales

Quantity by Country (2021-2032)

10.3.2 South America Automatic Transmission Fluid Temperature Sensor

Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Automatic Transmission Fluid Temperature Sensor Sales

Quantity by Type (2021-2032)

11.2 Middle East & Africa Automatic Transmission Fluid Temperature Sensor Sales

Quantity by Application (2021-2032)

11.3 Middle East & Africa Automatic Transmission Fluid Temperature Sensor Market Size by Country

11.3.1 Middle East & Africa Automatic Transmission Fluid Temperature Sensor Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Automatic Transmission Fluid Temperature Sensor Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 Automatic Transmission Fluid Temperature Sensor Market Drivers

12.2 Automatic Transmission Fluid Temperature Sensor Market Restraints

12.3 Automatic Transmission Fluid Temperature Sensor Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Automatic Transmission Fluid Temperature Sensor and Key Manufacturers

13.2 Manufacturing Costs Percentage of Automatic Transmission Fluid Temperature Sensor

13.3 Automatic Transmission Fluid Temperature Sensor Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Automatic Transmission Fluid Temperature Sensor Typical Distributors

14.3 Automatic Transmission Fluid Temperature Sensor Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Automatic Transmission Fluid Temperature Sensor Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Automatic Transmission Fluid Temperature Sensor Consumption Value by Structural Design, (USD Million), 2021 & 2025 & 2032

Table 3. Global Automatic Transmission Fluid Temperature Sensor Consumption Value by Performance Class, (USD Million), 2021 & 2025 & 2032

Table 4. Global Automatic Transmission Fluid Temperature Sensor Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. Amphenol Basic Information, Manufacturing Base and Competitors

Table 6. Amphenol Major Business

Table 7. Amphenol Automatic Transmission Fluid Temperature Sensor Product and Services

Table 8. Amphenol Automatic Transmission Fluid Temperature Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. Amphenol Recent Developments/Updates

Table 10. Hefei Bangli Electronics Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 11. Hefei Bangli Electronics Co., Ltd. Major Business

Table 12. Hefei Bangli Electronics Co., Ltd. Automatic Transmission Fluid Temperature Sensor Product and Services

Table 13. Hefei Bangli Electronics Co., Ltd. Automatic Transmission Fluid Temperature Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. Hefei Bangli Electronics Co., Ltd. Recent Developments/Updates

Table 15. Robert Bosch GmbH Basic Information, Manufacturing Base and Competitors

Table 16. Robert Bosch GmbH Major Business

Table 17. Robert Bosch GmbH Automatic Transmission Fluid Temperature Sensor Product and Services

Table 18. Robert Bosch GmbH Automatic Transmission Fluid Temperature Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 19. Robert Bosch GmbH Recent Developments/Updates

Table 20. Continental Basic Information, Manufacturing Base and Competitors

Table 21. Continental Major Business

Table 22. Continental Automatic Transmission Fluid Temperature Sensor Product and Services

Table 23. Continental Automatic Transmission Fluid Temperature Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 24. Continental Recent Developments/Updates

Table 25. Texas Instruments Basic Information, Manufacturing Base and Competitors

Table 26. Texas Instruments Major Business

Table 27. Texas Instruments Automatic Transmission Fluid Temperature Sensor Product and Services

Table 28. Texas Instruments Automatic Transmission Fluid Temperature Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 29. Texas Instruments Recent Developments/Updates

Table 30. Panasonic Basic Information, Manufacturing Base and Competitors

Table 31. Panasonic Major Business

Table 32. Panasonic Automatic Transmission Fluid Temperature Sensor Product and Services

Table 33. Panasonic Automatic Transmission Fluid Temperature Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 34. Panasonic Recent Developments/Updates

Table 35. HELLA Basic Information, Manufacturing Base and Competitors

Table 36. HELLA Major Business

Table 37. HELLA Automatic Transmission Fluid Temperature Sensor Product and Services

Table 38. HELLA Automatic Transmission Fluid Temperature Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 39. HELLA Recent Developments/Updates

Table 40. DENSO Basic Information, Manufacturing Base and Competitors

Table 41. DENSO Major Business

Table 42. DENSO Automatic Transmission Fluid Temperature Sensor Product and Services

Table 43. DENSO Automatic Transmission Fluid Temperature Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 44. DENSO Recent Developments/Updates

Table 45. Valeo Basic Information, Manufacturing Base and Competitors

Table 46. Valeo Major Business

Table 47. Valeo Automatic Transmission Fluid Temperature Sensor Product and Services

Table 48. Valeo Automatic Transmission Fluid Temperature Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 49. Valeo Recent Developments/Updates

Table 50. Global Automatic Transmission Fluid Temperature Sensor Sales Quantity by Manufacturer (2021-2026) & (K Units)

Table 51. Global Automatic Transmission Fluid Temperature Sensor Revenue by Manufacturer (2021-2026) & (USD Million)

Table 52. Global Automatic Transmission Fluid Temperature Sensor Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 53. Market Position of Manufacturers in Automatic Transmission Fluid Temperature Sensor, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 54. Head Office and Automatic Transmission Fluid Temperature Sensor Production Site of Key Manufacturer

Table 55. Automatic Transmission Fluid Temperature Sensor Market: Company Product Type Footprint

Table 56. Automatic Transmission Fluid Temperature Sensor Market: Company Product Application Footprint

Table 57. Automatic Transmission Fluid Temperature Sensor New Market Entrants and Barriers to Market Entry

Table 58. Automatic Transmission Fluid Temperature Sensor Mergers, Acquisition, Agreements, and Collaborations

Table 59. Global Automatic Transmission Fluid Temperature Sensor Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 60. Global Automatic Transmission Fluid Temperature Sensor Sales Quantity by Region (2021-2026) & (K Units)

Table 61. Global Automatic Transmission Fluid Temperature Sensor Sales Quantity by Region (2027-2032) & (K Units)

Table 62. Global Automatic Transmission Fluid Temperature Sensor Consumption Value by Region (2021-2026) & (USD Million)

Table 63. Global Automatic Transmission Fluid Temperature Sensor Consumption Value by Region (2027-2032) & (USD Million)

Table 64. Global Automatic Transmission Fluid Temperature Sensor Average Price by Region (2021-2026) & (US\$/Unit)

Table 65. Global Automatic Transmission Fluid Temperature Sensor Average Price by Region (2027-2032) & (US\$/Unit)

Table 66. Global Automatic Transmission Fluid Temperature Sensor Sales Quantity by Type (2021-2026) & (K Units)

Table 67. Global Automatic Transmission Fluid Temperature Sensor Sales Quantity by Type (2027-2032) & (K Units)

Table 68. Global Automatic Transmission Fluid Temperature Sensor Consumption Value by Type (2021-2026) & (USD Million)

Table 69. Global Automatic Transmission Fluid Temperature Sensor Consumption Value by Type (2027-2032) & (USD Million)

Table 70. Global Automatic Transmission Fluid Temperature Sensor Average Price by Type (2021-2026) & (US\$/Unit)

Table 71. Global Automatic Transmission Fluid Temperature Sensor Average Price by Type (2027-2032) & (US\$/Unit)

Table 72. Global Automatic Transmission Fluid Temperature Sensor Sales Quantity by Application (2021-2026) & (K Units)

Table 73. Global Automatic Transmission Fluid Temperature Sensor Sales Quantity by Application (2027-2032) & (K Units)

Table 74. Global Automatic Transmission Fluid Temperature Sensor Consumption Value by Application (2021-2026) & (USD Million)

Table 75. Global Automatic Transmission Fluid Temperature Sensor Consumption Value by Application (2027-2032) & (USD Million)

Table 76. Global Automatic Transmission Fluid Temperature Sensor Average Price by Application (2021-2026) & (US\$/Unit)

Table 77. Global Automatic Transmission Fluid Temperature Sensor Average Price by Application (2027-2032) & (US\$/Unit)

Table 78. North America Automatic Transmission Fluid Temperature Sensor Sales Quantity by Type (2021-2026) & (K Units)

Table 79. North America Automatic Transmission Fluid Temperature Sensor Sales Quantity by Type (2027-2032) & (K Units)

Table 80. North America Automatic Transmission Fluid Temperature Sensor Sales Quantity by Application (2021-2026) & (K Units)

Table 81. North America Automatic Transmission Fluid Temperature Sensor Sales Quantity by Application (2027-2032) & (K Units)

Table 82. North America Automatic Transmission Fluid Temperature Sensor Sales Quantity by Country (2021-2026) & (K Units)

Table 83. North America Automatic Transmission Fluid Temperature Sensor Sales Quantity by Country (2027-2032) & (K Units)

Table 84. North America Automatic Transmission Fluid Temperature Sensor Consumption Value by Country (2021-2026) & (USD Million)

Table 85. North America Automatic Transmission Fluid Temperature Sensor

Consumption Value by Country (2027-2032) & (USD Million)

Table 86. Europe Automatic Transmission Fluid Temperature Sensor Sales Quantity by Type (2021-2026) & (K Units)

Table 87. Europe Automatic Transmission Fluid Temperature Sensor Sales Quantity by Type (2027-2032) & (K Units)

Table 88. Europe Automatic Transmission Fluid Temperature Sensor Sales Quantity by Application (2021-2026) & (K Units)

Table 89. Europe Automatic Transmission Fluid Temperature Sensor Sales Quantity by Application (2027-2032) & (K Units)

Table 90. Europe Automatic Transmission Fluid Temperature Sensor Sales Quantity by Country (2021-2026) & (K Units)

Table 91. Europe Automatic Transmission Fluid Temperature Sensor Sales Quantity by Country (2027-2032) & (K Units)

Table 92. Europe Automatic Transmission Fluid Temperature Sensor Consumption Value by Country (2021-2026) & (USD Million)

Table 93. Europe Automatic Transmission Fluid Temperature Sensor Consumption Value by Country (2027-2032) & (USD Million)

Table 94. Asia-Pacific Automatic Transmission Fluid Temperature Sensor Sales Quantity by Type (2021-2026) & (K Units)

Table 95. Asia-Pacific Automatic Transmission Fluid Temperature Sensor Sales Quantity by Type (2027-2032) & (K Units)

Table 96. Asia-Pacific Automatic Transmission Fluid Temperature Sensor Sales Quantity by Application (2021-2026) & (K Units)

Table 97. Asia-Pacific Automatic Transmission Fluid Temperature Sensor Sales Quantity by Application (2027-2032) & (K Units)

Table 98. Asia-Pacific Automatic Transmission Fluid Temperature Sensor Sales Quantity by Region (2021-2026) & (K Units)

Table 99. Asia-Pacific Automatic Transmission Fluid Temperature Sensor Sales Quantity by Region (2027-2032) & (K Units)

Table 100. Asia-Pacific Automatic Transmission Fluid Temperature Sensor Consumption Value by Region (2021-2026) & (USD Million)

Table 101. Asia-Pacific Automatic Transmission Fluid Temperature Sensor Consumption Value by Region (2027-2032) & (USD Million)

Table 102. South America Automatic Transmission Fluid Temperature Sensor Sales Quantity by Type (2021-2026) & (K Units)

Table 103. South America Automatic Transmission Fluid Temperature Sensor Sales Quantity by Type (2027-2032) & (K Units)

Table 104. South America Automatic Transmission Fluid Temperature Sensor Sales Quantity by Application (2021-2026) & (K Units)

Table 105. South America Automatic Transmission Fluid Temperature Sensor Sales Quantity by Application (2027-2032) & (K Units)

Table 106. South America Automatic Transmission Fluid Temperature Sensor Sales Quantity by Country (2021-2026) & (K Units)

Table 107. South America Automatic Transmission Fluid Temperature Sensor Sales Quantity by Country (2027-2032) & (K Units)

Table 108. South America Automatic Transmission Fluid Temperature Sensor Consumption Value by Country (2021-2026) & (USD Million)

Table 109. South America Automatic Transmission Fluid Temperature Sensor Consumption Value by Country (2027-2032) & (USD Million)

Table 110. Middle East & Africa Automatic Transmission Fluid Temperature Sensor Sales Quantity by Type (2021-2026) & (K Units)

Table 111. Middle East & Africa Automatic Transmission Fluid Temperature Sensor Sales Quantity by Type (2027-2032) & (K Units)

Table 112. Middle East & Africa Automatic Transmission Fluid Temperature Sensor Sales Quantity by Application (2021-2026) & (K Units)

Table 113. Middle East & Africa Automatic Transmission Fluid Temperature Sensor Sales Quantity by Application (2027-2032) & (K Units)

Table 114. Middle East & Africa Automatic Transmission Fluid Temperature Sensor Sales Quantity by Country (2021-2026) & (K Units)

Table 115. Middle East & Africa Automatic Transmission Fluid Temperature Sensor Sales Quantity by Country (2027-2032) & (K Units)

Table 116. Middle East & Africa Automatic Transmission Fluid Temperature Sensor Consumption Value by Country (2021-2026) & (USD Million)

Table 117. Middle East & Africa Automatic Transmission Fluid Temperature Sensor Consumption Value by Country (2027-2032) & (USD Million)

Table 118. Automatic Transmission Fluid Temperature Sensor Raw Material

Table 119. Key Manufacturers of Automatic Transmission Fluid Temperature Sensor Raw Materials

Table 120. Automatic Transmission Fluid Temperature Sensor Typical Distributors

Table 121. Automatic Transmission Fluid Temperature Sensor Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Automatic Transmission Fluid Temperature Sensor Picture
- Figure 2. Global Automatic Transmission Fluid Temperature Sensor Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Automatic Transmission Fluid Temperature Sensor Revenue Market Share by Type in 2025
- Figure 4. NTC Sensing Element Technology Examples
- Figure 5. RTD Sensing Element Technology Examples
- Figure 6. Others Examples
- Figure 7. Global Automatic Transmission Fluid Temperature Sensor Revenue by Structural Design, (USD Million), 2021 & 2025 & 2032
- Figure 8. Global Automatic Transmission Fluid Temperature Sensor Revenue Market Share by Structural Design in 2025
- Figure 9. Probe-Type Insertion Sensors Examples
- Figure 10. Surface-Mounted Examples
- Figure 11. Valve-Body Embedded Examples
- Figure 12. Harness-Integrated Examples
- Figure 13. Global Automatic Transmission Fluid Temperature Sensor Revenue by Performance Class, (USD Million), 2021 & 2025 & 2032
- Figure 14. Global Automatic Transmission Fluid Temperature Sensor Revenue Market Share by Performance Class in 2025
- Figure 15. Standard Automotive-Grade (?40°C To +150°C) Examples
- Figure 16. High-Temperature Endurance Sensors (>150°C) Examples
- Figure 17. Global Automatic Transmission Fluid Temperature Sensor Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 18. Global Automatic Transmission Fluid Temperature Sensor Revenue Market Share by Application in 2025
- Figure 19. Passenger Vehicle Examples
- Figure 20. Commercial Vehicle Examples
- Figure 21. Global Automatic Transmission Fluid Temperature Sensor Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 22. Global Automatic Transmission Fluid Temperature Sensor Consumption Value and Forecast (2021-2032) & (USD Million)
- Figure 23. Global Automatic Transmission Fluid Temperature Sensor Sales Quantity (2021-2032) & (K Units)
- Figure 24. Global Automatic Transmission Fluid Temperature Sensor Price (2021-2032)

& (US\$/Unit)

Figure 25. Global Automatic Transmission Fluid Temperature Sensor Sales Quantity Market Share by Manufacturer in 2025

Figure 26. Global Automatic Transmission Fluid Temperature Sensor Revenue Market Share by Manufacturer in 2025

Figure 27. Producer Shipments of Automatic Transmission Fluid Temperature Sensor by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 28. Top 3 Automatic Transmission Fluid Temperature Sensor Manufacturer (Revenue) Market Share in 2025

Figure 29. Top 6 Automatic Transmission Fluid Temperature Sensor Manufacturer (Revenue) Market Share in 2025

Figure 30. Global Automatic Transmission Fluid Temperature Sensor Sales Quantity Market Share by Region (2021-2032)

Figure 31. Global Automatic Transmission Fluid Temperature Sensor Consumption Value Market Share by Region (2021-2032)

Figure 32. North America Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032) & (USD Million)

Figure 33. Europe Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032) & (USD Million)

Figure 34. Asia-Pacific Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032) & (USD Million)

Figure 35. South America Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032) & (USD Million)

Figure 36. Middle East & Africa Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032) & (USD Million)

Figure 37. Global Automatic Transmission Fluid Temperature Sensor Sales Quantity Market Share by Type (2021-2032)

Figure 38. Global Automatic Transmission Fluid Temperature Sensor Consumption Value Market Share by Type (2021-2032)

Figure 39. Global Automatic Transmission Fluid Temperature Sensor Average Price by Type (2021-2032) & (US\$/Unit)

Figure 40. Global Automatic Transmission Fluid Temperature Sensor Sales Quantity Market Share by Application (2021-2032)

Figure 41. Global Automatic Transmission Fluid Temperature Sensor Revenue Market Share by Application (2021-2032)

Figure 42. Global Automatic Transmission Fluid Temperature Sensor Average Price by Application (2021-2032) & (US\$/Unit)

Figure 43. North America Automatic Transmission Fluid Temperature Sensor Sales Quantity Market Share by Type (2021-2032)

Figure 44. North America Automatic Transmission Fluid Temperature Sensor Sales Quantity Market Share by Application (2021-2032)

Figure 45. North America Automatic Transmission Fluid Temperature Sensor Sales Quantity Market Share by Country (2021-2032)

Figure 46. North America Automatic Transmission Fluid Temperature Sensor Consumption Value Market Share by Country (2021-2032)

Figure 47. United States Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032) & (USD Million)

Figure 48. Canada Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032) & (USD Million)

Figure 49. Mexico Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032) & (USD Million)

Figure 50. Europe Automatic Transmission Fluid Temperature Sensor Sales Quantity Market Share by Type (2021-2032)

Figure 51. Europe Automatic Transmission Fluid Temperature Sensor Sales Quantity Market Share by Application (2021-2032)

Figure 52. Europe Automatic Transmission Fluid Temperature Sensor Sales Quantity Market Share by Country (2021-2032)

Figure 53. Europe Automatic Transmission Fluid Temperature Sensor Consumption Value Market Share by Country (2021-2032)

Figure 54. Germany Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032) & (USD Million)

Figure 55. France Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032) & (USD Million)

Figure 56. United Kingdom Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032) & (USD Million)

Figure 57. Russia Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032) & (USD Million)

Figure 58. Italy Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032) & (USD Million)

Figure 59. Asia-Pacific Automatic Transmission Fluid Temperature Sensor Sales Quantity Market Share by Type (2021-2032)

Figure 60. Asia-Pacific Automatic Transmission Fluid Temperature Sensor Sales Quantity Market Share by Application (2021-2032)

Figure 61. Asia-Pacific Automatic Transmission Fluid Temperature Sensor Sales Quantity Market Share by Region (2021-2032)

Figure 62. Asia-Pacific Automatic Transmission Fluid Temperature Sensor Consumption Value Market Share by Region (2021-2032)

Figure 63. China Automatic Transmission Fluid Temperature Sensor Consumption

Value (2021-2032) & (USD Million)

Figure 64. Japan Automatic Transmission Fluid Temperature Sensor Consumption

Value (2021-2032) & (USD Million)

Figure 65. South Korea Automatic Transmission Fluid Temperature Sensor

Consumption Value (2021-2032) & (USD Million)

Figure 66. India Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032) & (USD Million)

Figure 67. Southeast Asia Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032) & (USD Million)

Figure 68. Australia Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032) & (USD Million)

Figure 69. South America Automatic Transmission Fluid Temperature Sensor Sales Quantity Market Share by Type (2021-2032)

Figure 70. South America Automatic Transmission Fluid Temperature Sensor Sales Quantity Market Share by Application (2021-2032)

Figure 71. South America Automatic Transmission Fluid Temperature Sensor Sales Quantity Market Share by Country (2021-2032)

Figure 72. South America Automatic Transmission Fluid Temperature Sensor Consumption Value Market Share by Country (2021-2032)

Figure 73. Brazil Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032) & (USD Million)

Figure 74. Argentina Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032) & (USD Million)

Figure 75. Middle East & Africa Automatic Transmission Fluid Temperature Sensor Sales Quantity Market Share by Type (2021-2032)

Figure 76. Middle East & Africa Automatic Transmission Fluid Temperature Sensor Sales Quantity Market Share by Application (2021-2032)

Figure 77. Middle East & Africa Automatic Transmission Fluid Temperature Sensor Sales Quantity Market Share by Country (2021-2032)

Figure 78. Middle East & Africa Automatic Transmission Fluid Temperature Sensor Consumption Value Market Share by Country (2021-2032)

Figure 79. Turkey Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032) & (USD Million)

Figure 80. Egypt Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032) & (USD Million)

Figure 81. Saudi Arabia Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032) & (USD Million)

Figure 82. South Africa Automatic Transmission Fluid Temperature Sensor Consumption Value (2021-2032) & (USD Million)

- Figure 83. Automatic Transmission Fluid Temperature Sensor Market Drivers
- Figure 84. Automatic Transmission Fluid Temperature Sensor Market Restraints
- Figure 85. Automatic Transmission Fluid Temperature Sensor Market Trends
- Figure 86. Porters Five Forces Analysis
- Figure 87. Manufacturing Cost Structure Analysis of Automatic Transmission Fluid Temperature Sensor in 2025
- Figure 88. Manufacturing Process Analysis of Automatic Transmission Fluid Temperature Sensor
- Figure 89. Automatic Transmission Fluid Temperature Sensor Industrial Chain
- Figure 90. Sales Channel: Direct to End-User vs Distributors
- Figure 91. Direct Channel Pros & Cons
- Figure 92. Indirect Channel Pros & Cons
- Figure 93. Methodology
- Figure 94. Research Process and Data Source

I would like to order

Product name: Global Automatic Transmission Fluid Temperature Sensor Market 2026 by
Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/A3B45A3CD44CEN.html>

Price: US\$ 3,480.00 (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/A3B45A3CD44CEN.html>