



Tension & Compression Force Sensor Industry Research Report 2026

Industry	Published	Pages	Format
Electronics & Semiconductor	2026-01-05	146	PDF
Single User	Multi User	Enterprise	
USD 2,950	USD 4,430	USD 5,900	

Description

The global Tension & Compression Force Sensor market was valued at US\$ million in 2025 and is projected to reach US\$ million by 2032, implying a CAGR of % over 2026–2032.

The North America market for Tension & Compression Force Sensor is forecast to increase from US\$ million in 2026 to US\$ million by 2032, corresponding to a CAGR of % over 2026–2032.

The Europe market for Tension & Compression Force Sensor is projected to rise from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026–2032.

The Asia Pacific market for Tension & Compression Force Sensor is expected to grow from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026–2032.

Leading global manufacturers of Tension & Compression Force Sensor include , among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

Report Scope

This report quantifies the global Tension & Compression Force Sensor market in revenue (US\$ million) and, where applicable, sales volume (k units), using 2025 as the base year and providing annual historical and forecast data for 2021–2032.

It standardizes definitions of types and applications, harmonizes vendor attribution, and presents comparable time series by company, type, application, and region/country, including indicative price bands (US\$/k units) and concentration ratios (CR5/CR10).

The outputs are intended to support strategy development, budgeting, and performance benchmarking for manufacturers, new entrants, channel partners, and investors; the report also reviews technology shifts and notable product introductions relevant to Tension & Compression Force Sensor.

Key Companies & Market Share Insights

This section profiles leading manufacturers, combining 2021–2025 results with a 2026–2032 outlook. It reports revenue, market share, price bands, product and application mix, regional and channel mix, and key developments (M&A, capacity additions, certifications). It also provides global revenue, average price, and—where applicable—sales volume by manufacturer, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

Tension & Compression Force Sensor Market by Company

Fil Control

Tension Measurement

GALLAGHER GROUP

Erhardt + Leimer

FMS TECHNOLOGY

FUTEK

CTS CORP

NIRECO

Hans-Schmidt

Haehne GmbH

OMEGA

Dover Flexo Electronics

Hardy Process Solutions

SMD SENSORS

TENSITRON

Irrrometer Company

BTSR International

PHYTOTRONICS

TE Connectivity

Somaxis

Tension & Compression Force Sensor Segment by Type

Tension Sensor

Compression Force Sensor

Tension & Compression Force Sensor Segment by Application

Steel Industry

Textile Industry

Other

Tension & Compression Force Sensor Segment by Region

North America

United States

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Spain

Netherlands

Switzerland

Sweden

Poland

Asia-Pacific

China

Japan

South Korea

India

Australia

Taiwan

Southeast Asia
South America
Brazil
Argentina
Chile
Middle East & Africa
Egypt
South Africa
Israel
Türkiye
GCC Countries

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Tension & Compression Force Sensor market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Tension & Compression Force Sensor and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Tension & Compression Force Sensor.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Research objectives, research methods, data sources, data cross-validation;

Chapter 2:

Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3:

Detailed analysis of Tension & Compression Force Sensor manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5:

Production/output, value of Tension & Compression Force Sensor by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6:

Consumption of Tension & Compression Force Sensor in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7:

Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8:

Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9:

Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10:

Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11:

The main points and conclusions of the report.

Table of Contents

1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 Market Overview

- 2.1 Product Definition
- 2.2 Tension & Compression Force Sensor by Type
 - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.2.2 Tension Sensor
 - 2.2.3 Compression Force Sensor
- 2.3 Tension & Compression Force Sensor by Application
 - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.3.2 Steel Industry
 - 2.3.3 Textile Industry
 - 2.3.4 Other
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Tension & Compression Force Sensor Production Value Estimates and Forecasts (2021-2032)
 - 2.4.2 Global Tension & Compression Force Sensor Production Capacity Estimates and Forecasts (2021-2032)
 - 2.4.3 Global Tension & Compression Force Sensor Production Estimates and Forecasts (2021-2032)
 - 2.4.4 Global Tension & Compression Force Sensor Market Average Price (2021-2032)

3 Market Competitive Landscape by Manufacturers

- 3.1 Global Tension & Compression Force Sensor Production by Manufacturers (2021-2026)
- 3.2 Global Tension & Compression Force Sensor Production Value by Manufacturers (2021-2026)
- 3.3 Global Tension & Compression Force Sensor Average Price by Manufacturers (2021-2026)
- 3.4 Global Tension & Compression Force Sensor Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Tension & Compression Force Sensor Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Tension & Compression Force Sensor Manufacturers, Product Type & Application
- 3.7 Global Tension & Compression Force Sensor Manufacturers Established Date
- 3.8 Global Tension & Compression Force Sensor Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 Manufacturers Profiled

- 4.1 Fil Control
 - 4.1.1 Fil Control Tension & Compression Force Sensor Company Information
 - 4.1.2 Fil Control Tension & Compression Force Sensor Business Overview
 - 4.1.3 Fil Control Tension & Compression Force Sensor Production, Value and Gross Margin (2021-2026)
 - 4.1.4 Fil Control Product Portfolio
 - 4.1.5 Fil Control Recent Developments
- 4.2 Tension Measurement

- 4.2.1 Tension Measurement Tension & Compression Force Sensor Company Information
- 4.2.2 Tension Measurement Tension & Compression Force Sensor Business Overview
- 4.2.3 Tension Measurement Tension & Compression Force Sensor Production, Value and Gross Margin (2021-2026)
- 4.2.4 Tension Measurement Product Portfolio
- 4.2.5 Tension Measurement Recent Developments
- 4.3 GALLAGHER GROUP
 - 4.3.1 GALLAGHER GROUP Tension & Compression Force Sensor Company Information
 - 4.3.2 GALLAGHER GROUP Tension & Compression Force Sensor Business Overview
 - 4.3.3 GALLAGHER GROUP Tension & Compression Force Sensor Production, Value and Gross Margin (2021-2026)
 - 4.3.4 GALLAGHER GROUP Product Portfolio
 - 4.3.5 GALLAGHER GROUP Recent Developments
- 4.4 Erhardt + Leimer
 - 4.4.1 Erhardt + Leimer Tension & Compression Force Sensor Company Information
 - 4.4.2 Erhardt + Leimer Tension & Compression Force Sensor Business Overview
 - 4.4.3 Erhardt + Leimer Tension & Compression Force Sensor Production, Value and Gross Margin (2021-2026)
 - 4.4.4 Erhardt + Leimer Product Portfolio
 - 4.4.5 Erhardt + Leimer Recent Developments
- 4.5 FMS TECHNOLOGY
 - 4.5.1 FMS TECHNOLOGY Tension & Compression Force Sensor Company Information
 - 4.5.2 FMS TECHNOLOGY Tension & Compression Force Sensor Business Overview
 - 4.5.3 FMS TECHNOLOGY Tension & Compression Force Sensor Production, Value and Gross Margin (2021-2026)
 - 4.5.4 FMS TECHNOLOGY Product Portfolio
 - 4.5.5 FMS TECHNOLOGY Recent Developments
- 4.6 FUTEK
 - 4.6.1 FUTEK Tension & Compression Force Sensor Company Information
 - 4.6.2 FUTEK Tension & Compression Force Sensor Business Overview
 - 4.6.3 FUTEK Tension & Compression Force Sensor Production, Value and Gross Margin (2021-2026)
 - 4.6.4 FUTEK Product Portfolio
 - 4.6.5 FUTEK Recent Developments
- 4.7 CTS CORP
 - 4.7.1 CTS CORP Tension & Compression Force Sensor Company Information
 - 4.7.2 CTS CORP Tension & Compression Force Sensor Business Overview
 - 4.7.3 CTS CORP Tension & Compression Force Sensor Production, Value and Gross Margin (2021-2026)
 - 4.7.4 CTS CORP Product Portfolio
 - 4.7.5 CTS CORP Recent Developments
- 4.8 NIRECO
 - 4.8.1 NIRECO Tension & Compression Force Sensor Company Information
 - 4.8.2 NIRECO Tension & Compression Force Sensor Business Overview
 - 4.8.3 NIRECO Tension & Compression Force Sensor Production, Value and Gross Margin (2021-2026)
 - 4.8.4 NIRECO Product Portfolio
 - 4.8.5 NIRECO Recent Developments
- 4.9 Hans-Schmidt
 - 4.9.1 Hans-Schmidt Tension & Compression Force Sensor Company Information
 - 4.9.2 Hans-Schmidt Tension & Compression Force Sensor Business Overview
 - 4.9.3 Hans-Schmidt Tension & Compression Force Sensor Production, Value and Gross Margin (2021-2026)
 - 4.9.4 Hans-Schmidt Product Portfolio
 - 4.9.5 Hans-Schmidt Recent Developments
- 4.10 Haehne GmbH

- 4.10.1 Haehne GmbH Tension & Compression Force Sensor Company Information
- 4.10.2 Haehne GmbH Tension & Compression Force Sensor Business Overview
- 4.10.3 Haehne GmbH Tension & Compression Force Sensor Production, Value and Gross Margin (2021-2026)
- 4.10.4 Haehne GmbH Product Portfolio
- 4.10.5 Haehne GmbH Recent Developments
- 4.11 OMEGA
 - 4.11.1 OMEGA Tension & Compression Force Sensor Company Information
 - 4.11.2 OMEGA Tension & Compression Force Sensor Business Overview
 - 4.11.3 OMEGA Tension & Compression Force Sensor Production, Value and Gross Margin (2021-2026)
 - 4.11.4 OMEGA Product Portfolio
 - 4.11.5 OMEGA Recent Developments
- 4.12 Dover Flexo Electronics
 - 4.12.1 Dover Flexo Electronics Tension & Compression Force Sensor Company Information
 - 4.12.2 Dover Flexo Electronics Tension & Compression Force Sensor Business Overview
 - 4.12.3 Dover Flexo Electronics Tension & Compression Force Sensor Production, Value and Gross Margin (2021-2026)
 - 4.12.4 Dover Flexo Electronics Product Portfolio
 - 4.12.5 Dover Flexo Electronics Recent Developments
- 4.13 Hardy Process Solutions
 - 4.13.1 Hardy Process Solutions Tension & Compression Force Sensor Company Information
 - 4.13.2 Hardy Process Solutions Tension & Compression Force Sensor Business Overview
 - 4.13.3 Hardy Process Solutions Tension & Compression Force Sensor Production, Value and Gross Margin (2021-2026)
 - 4.13.4 Hardy Process Solutions Product Portfolio
 - 4.13.5 Hardy Process Solutions Recent Developments
- 4.14 SMD SENSORS
 - 4.14.1 SMD SENSORS Tension & Compression Force Sensor Company Information
 - 4.14.2 SMD SENSORS Tension & Compression Force Sensor Business Overview
 - 4.14.3 SMD SENSORS Tension & Compression Force Sensor Production, Value and Gross Margin (2021-2026)
 - 4.14.4 SMD SENSORS Product Portfolio
 - 4.14.5 SMD SENSORS Recent Developments
- 4.15 TENSITRON
 - 4.15.1 TENSITRON Tension & Compression Force Sensor Company Information
 - 4.15.2 TENSITRON Tension & Compression Force Sensor Business Overview
 - 4.15.3 TENSITRON Tension & Compression Force Sensor Production, Value and Gross Margin (2021-2026)
 - 4.15.4 TENSITRON Product Portfolio
 - 4.15.5 TENSITRON Recent Developments
- 4.16 Irrometer Company
 - 4.16.1 Irrometer Company Tension & Compression Force Sensor Company Information
 - 4.16.2 Irrometer Company Tension & Compression Force Sensor Business Overview
 - 4.16.3 Irrometer Company Tension & Compression Force Sensor Production, Value and Gross Margin (2021-2026)
 - 4.16.4 Irrometer Company Product Portfolio
 - 4.16.5 Irrometer Company Recent Developments
- 4.17 BTR International
 - 4.17.1 BTR International Tension & Compression Force Sensor Company Information
 - 4.17.2 BTR International Tension & Compression Force Sensor Business Overview
 - 4.17.3 BTR International Tension & Compression Force Sensor Production, Value and Gross Margin (2021-2026)
 - 4.17.4 BTR International Product Portfolio
 - 4.17.5 BTR International Recent Developments
- 4.18 PHYTOTRONICS

- 4.18.1 PHYTOTRONICS Tension & Compression Force Sensor Company Information
- 4.18.2 PHYTOTRONICS Tension & Compression Force Sensor Business Overview
- 4.18.3 PHYTOTRONICS Tension & Compression Force Sensor Production, Value and Gross Margin (2021-2026)
- 4.18.4 PHYTOTRONICS Product Portfolio
- 4.18.5 PHYTOTRONICS Recent Developments

4.19 TE Connectivity

- 4.19.1 TE Connectivity Tension & Compression Force Sensor Company Information
- 4.19.2 TE Connectivity Tension & Compression Force Sensor Business Overview
- 4.19.3 TE Connectivity Tension & Compression Force Sensor Production, Value and Gross Margin (2021-2026)
- 4.19.4 TE Connectivity Product Portfolio
- 4.19.5 TE Connectivity Recent Developments

4.20 Somaxis

- 4.20.1 Somaxis Tension & Compression Force Sensor Company Information
- 4.20.2 Somaxis Tension & Compression Force Sensor Business Overview
- 4.20.3 Somaxis Tension & Compression Force Sensor Production, Value and Gross Margin (2021-2026)
- 4.20.4 Somaxis Product Portfolio
- 4.20.5 Somaxis Recent Developments

5 Global Tension & Compression Force Sensor Production by Region

- 5.1 Global Tension & Compression Force Sensor Production Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 5.2 Global Tension & Compression Force Sensor Production by Region: 2021-2032
 - 5.2.1 Global Tension & Compression Force Sensor Production by Region: 2021-2026
 - 5.2.2 Global Tension & Compression Force Sensor Production Forecast by Region (2027-2032)
- 5.3 Global Tension & Compression Force Sensor Production Value Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 5.4 Global Tension & Compression Force Sensor Production Value by Region: 2021-2032
 - 5.4.1 Global Tension & Compression Force Sensor Production Value by Region: 2021-2026
 - 5.4.2 Global Tension & Compression Force Sensor Production Value Forecast by Region (2027-2032)
- 5.5 Global Tension & Compression Force Sensor Market Price Analysis by Region (2021-2026)
- 5.6 Global Tension & Compression Force Sensor Production and Value, YOY Growth
 - 5.6.1 North America Tension & Compression Force Sensor Production Value Estimates and Forecasts (2021-2032)
 - 5.6.2 Europe Tension & Compression Force Sensor Production Value Estimates and Forecasts (2021-2032)
 - 5.6.3 China Tension & Compression Force Sensor Production Value Estimates and Forecasts (2021-2032)
 - 5.6.4 Japan Tension & Compression Force Sensor Production Value Estimates and Forecasts (2021-2032)
 - 5.6.5 South Korea Tension & Compression Force Sensor Production Value Estimates and Forecasts (2021-2032)

6 Global Tension & Compression Force Sensor Consumption by Region

- 6.1 Global Tension & Compression Force Sensor Consumption Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 6.2 Global Tension & Compression Force Sensor Consumption by Region (2021-2032)
 - 6.2.1 Global Tension & Compression Force Sensor Consumption by Region: 2021-2026
 - 6.2.2 Global Tension & Compression Force Sensor Forecasted Consumption by Region (2027-2032)
- 6.3 North America
 - 6.3.1 North America Tension & Compression Force Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
 - 6.3.2 North America Tension & Compression Force Sensor Consumption by Country (2021-2032)
 - 6.3.3 United States
 - 6.3.4 Canada
 - 6.3.5 Mexico
- 6.4 Europe
 - 6.4.1 Europe Tension & Compression Force Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.4.2 Europe Tension & Compression Force Sensor Consumption by Country (2021-2032)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.4.8 Spain

6.4.9 Netherlands

6.4.10 Switzerland

6.4.11 Sweden

6.4.12 Poland

6.5 Asia Pacific

6.5.1 Asia Pacific Tension & Compression Force Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.5.2 Asia Pacific Tension & Compression Force Sensor Consumption by Country (2021-2032)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 India

6.5.7 Australia

6.5.8 Taiwan

6.5.9 Southeast Asia

6.6 South America, Middle East & Africa

6.6.1 South America, Middle East & Africa Tension & Compression Force Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.6.2 South America, Middle East & Africa Tension & Compression Force Sensor Consumption by Country (2021-2032)

6.6.3 Brazil

6.6.4 Argentina

6.6.5 Chile

6.6.6 Turkey

6.6.7 GCC Countries

7 Segment by Type

7.1 Global Tension & Compression Force Sensor Production by Type (2021-2032)

7.1.1 Global Tension & Compression Force Sensor Production by Type (2021-2032) & (k units)

7.1.2 Global Tension & Compression Force Sensor Production Market Share by Type (2021-2032)

7.2 Global Tension & Compression Force Sensor Production Value by Type (2021-2032)

7.2.1 Global Tension & Compression Force Sensor Production Value by Type (2021-2032) & (US\$ Million)

7.2.2 Global Tension & Compression Force Sensor Production Value Market Share by Type (2021-2032)

7.3 Global Tension & Compression Force Sensor Price by Type (2021-2032)

8 Segment by Application

8.1 Global Tension & Compression Force Sensor Production by Application (2021-2032)

8.1.1 Global Tension & Compression Force Sensor Production by Application (2021-2032) & (k units)

8.1.2 Global Tension & Compression Force Sensor Production Market Share by Application (2021-2032)

8.2 Global Tension & Compression Force Sensor Production Value by Application (2021-2032)

8.2.1 Global Tension & Compression Force Sensor Production Value by Application (2021-2032) & (US\$ Million)

8.2.2 Global Tension & Compression Force Sensor Production Value Market Share by Application (2021-2032)

8.3 Global Tension & Compression Force Sensor Price by Application (2021-2032)

9 Value Chain and Sales Channels Analysis of the Market

9.1 Tension & Compression Force Sensor Value Chain Analysis

9.1.1 Tension & Compression Force Sensor Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Tension & Compression Force Sensor Production Mode & Process

9.2 Tension & Compression Force Sensor Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Tension & Compression Force Sensor Distributors

9.2.3 Tension & Compression Force Sensor Customers

10 Global Tension & Compression Force Sensor Analyzing Market Dynamics

10.1 Tension & Compression Force Sensor Industry Trends

10.2 Tension & Compression Force Sensor Industry Drivers

10.3 Tension & Compression Force Sensor Industry Opportunities and Challenges

10.4 Tension & Compression Force Sensor Industry Restraints

11 Report Conclusion

12 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global Tension & Compression Force Sensor Production by Manufacturers (k units) & (2021-2026)
- Table 6: Global Tension & Compression Force Sensor Production Market Share by Manufacturers
- Table 7: Global Tension & Compression Force Sensor Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 8: Global Tension & Compression Force Sensor Production Value Market Share by Manufacturers (2021-2026)
- Table 9: Global Tension & Compression Force Sensor Average Price (USD/unit) of Manufacturers (2021-2026)
- Table 10: Global Tension & Compression Force Sensor Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global Tension & Compression Force Sensor Key Manufacturers, Manufacturing Sites & Headquarters
- Table 12: Global Tension & Compression Force Sensor Manufacturers, Product Type & Application
- Table 13: Global Tension & Compression Force Sensor Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global Tension & Compression Force Sensor by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 17: Fil Control Company Information
- Table 18: Fil Control Business Overview
- Table 19: Fil Control Tension & Compression Force Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 20: Fil Control Tension & Compression Force Sensor Product Portfolio
- Table 21: Fil Control Recent Development
- Table 22: Tension Measurement Company Information
- Table 23: Tension Measurement Business Overview
- Table 24: Tension Measurement Tension & Compression Force Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 25: Tension Measurement Tension & Compression Force Sensor Product Portfolio
- Table 26: Tension Measurement Recent Development
- Table 27: GALLAGHER GROUP Company Information
- Table 28: GALLAGHER GROUP Business Overview
- Table 29: GALLAGHER GROUP Tension & Compression Force Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 30: GALLAGHER GROUP Tension & Compression Force Sensor Product Portfolio
- Table 31: GALLAGHER GROUP Recent Development
- Table 32: Erhardt + Leimer Company Information
- Table 33: Erhardt + Leimer Business Overview
- Table 34: Erhardt + Leimer Tension & Compression Force Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 35: Erhardt + Leimer Tension & Compression Force Sensor Product Portfolio
- Table 36: Erhardt + Leimer Recent Development
- Table 37: FMS TECHNOLOGY Company Information
- Table 38: FMS TECHNOLOGY Business Overview
- Table 39: FMS TECHNOLOGY Tension & Compression Force Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 40: FMS TECHNOLOGY Tension & Compression Force Sensor Product Portfolio
- Table 41: FMS TECHNOLOGY Recent Development
- Table 42: FUTEK Company Information
- Table 43: FUTEK Business Overview
- Table 44: FUTEK Tension & Compression Force Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 45: FUTEK Tension & Compression Force Sensor Product Portfolio
- Table 46: FUTEK Recent Development
- Table 47: CTS CORP Company Information
- Table 48: CTS CORP Business Overview

- Table 49: CTS CORP Tension & Compression Force Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 50: CTS CORP Tension & Compression Force Sensor Product Portfolio
- Table 51: CTS CORP Recent Development
- Table 52: NIRECO Company Information
- Table 53: NIRECO Business Overview
- Table 54: NIRECO Tension & Compression Force Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 55: NIRECO Tension & Compression Force Sensor Product Portfolio
- Table 56: NIRECO Recent Development
- Table 57: Hans-Schmidt Company Information
- Table 58: Hans-Schmidt Business Overview
- Table 59: Hans-Schmidt Tension & Compression Force Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 60: Hans-Schmidt Tension & Compression Force Sensor Product Portfolio
- Table 61: Hans-Schmidt Recent Development
- Table 62: Haehne GmbH Company Information
- Table 63: Haehne GmbH Business Overview
- Table 64: Haehne GmbH Tension & Compression Force Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 65: Haehne GmbH Tension & Compression Force Sensor Product Portfolio
- Table 66: Haehne GmbH Recent Development
- Table 67: OMEGA Company Information
- Table 68: OMEGA Business Overview
- Table 69: OMEGA Tension & Compression Force Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 70: OMEGA Tension & Compression Force Sensor Product Portfolio
- Table 71: OMEGA Recent Development
- Table 72: Dover Flexo Electronics Company Information
- Table 73: Dover Flexo Electronics Business Overview
- Table 74: Dover Flexo Electronics Tension & Compression Force Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 75: Dover Flexo Electronics Tension & Compression Force Sensor Product Portfolio
- Table 76: Dover Flexo Electronics Recent Development
- Table 77: Hardy Process Solutions Company Information
- Table 78: Hardy Process Solutions Business Overview
- Table 79: Hardy Process Solutions Tension & Compression Force Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 80: Hardy Process Solutions Tension & Compression Force Sensor Product Portfolio
- Table 81: Hardy Process Solutions Recent Development
- Table 82: SMD SENSORS Company Information
- Table 83: SMD SENSORS Business Overview
- Table 84: SMD SENSORS Tension & Compression Force Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 85: SMD SENSORS Tension & Compression Force Sensor Product Portfolio
- Table 86: SMD SENSORS Recent Development
- Table 87: TENSITRON Company Information
- Table 88: TENSITRON Business Overview
- Table 89: TENSITRON Tension & Compression Force Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 90: TENSITRON Tension & Compression Force Sensor Product Portfolio
- Table 91: TENSITRON Recent Development
- Table 92: Irrometer Company Company Information
- Table 93: Irrometer Company Business Overview
- Table 94: Irrometer Company Tension & Compression Force Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 95: Irrometer Company Tension & Compression Force Sensor Product Portfolio
- Table 96: Irrometer Company Recent Development
- Table 97: BTR International Company Information
- Table 98: BTR International Business Overview
- Table 99: BTR International Tension & Compression Force Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 100: BTR International Tension & Compression Force Sensor Product Portfolio
- Table 101: BTR International Recent Development
- Table 102: PHYTOTRONICS Company Information

- Table 103: PHYTOTRONICS Business Overview
- Table 104: PHYTOTRONICS Tension & Compression Force Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 105: PHYTOTRONICS Tension & Compression Force Sensor Product Portfolio
- Table 106: PHYTOTRONICS Recent Development
- Table 107: TE Connectivity Company Information
- Table 108: TE Connectivity Business Overview
- Table 109: TE Connectivity Tension & Compression Force Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 110: TE Connectivity Tension & Compression Force Sensor Product Portfolio
- Table 111: TE Connectivity Recent Development
- Table 112: Somaxis Company Information
- Table 113: Somaxis Business Overview
- Table 114: Somaxis Tension & Compression Force Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 115: Somaxis Tension & Compression Force Sensor Product Portfolio
- Table 116: Somaxis Recent Development
- Table 117: Global Tension & Compression Force Sensor Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 118: Global Tension & Compression Force Sensor Production by Region (2021-2026) & (k units)
- Table 119: Global Tension & Compression Force Sensor Production Market Share by Region (2021-2026)
- Table 120: Global Tension & Compression Force Sensor Production Forecast by Region (2027-2032) & (k units)
- Table 121: Global Tension & Compression Force Sensor Production Market Share Forecast by Region (2027-2032)
- Table 122: Global Tension & Compression Force Sensor Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 123: Global Tension & Compression Force Sensor Production Value by Region (2021-2026) & (US\$ Million)
- Table 124: Global Tension & Compression Force Sensor Production Value Market Share by Region (2021-2026)
- Table 125: Global Tension & Compression Force Sensor Production Value Forecast by Region (2027-2032) & (US\$ Million)
- Table 126: Global Tension & Compression Force Sensor Market Average Price (USD/unit) by Region (2021-2026)
- Table 127: Global Tension & Compression Force Sensor Market Average Price (USD/unit) by Region (2027-2032)
- Table 128: Global Tension & Compression Force Sensor Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 129: Global Tension & Compression Force Sensor Consumption by Region (2021-2026) & (k units)
- Table 130: Global Tension & Compression Force Sensor Consumption Market Share by Region (2021-2026)
- Table 131: Global Tension & Compression Force Sensor Forecasted Consumption by Region (2027-2032) & (k units)
- Table 132: Global Tension & Compression Force Sensor Forecasted Consumption Market Share by Region (2027-2032)
- Table 133: North America Tension & Compression Force Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 134: North America Tension & Compression Force Sensor Consumption by Country (2021-2026) & (k units)
- Table 135: North America Tension & Compression Force Sensor Consumption by Country (2027-2032) & (k units)
- Table 136: Europe Tension & Compression Force Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 137: Europe Tension & Compression Force Sensor Consumption by Country (2021-2026) & (k units)
- Table 138: Europe Tension & Compression Force Sensor Consumption by Country (2027-2032) & (k units)
- Table 139: Asia Pacific Tension & Compression Force Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 140: Asia Pacific Tension & Compression Force Sensor Consumption by Country (2021-2026) & (k units)
- Table 141: Asia Pacific Tension & Compression Force Sensor Consumption by Country (2027-2032) & (k units)
- Table 142: South America, Middle East & Africa Tension & Compression Force Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 143: South America, Middle East & Africa Tension & Compression Force Sensor Consumption by Country (2021-2026) & (k units)
- Table 144: South America, Middle East & Africa Tension & Compression Force Sensor Consumption by Country (2027-2032) & (k units)
- Table 145: Global Tension & Compression Force Sensor Production by Type (2021-2026) & (k units)
- Table 146: Global Tension & Compression Force Sensor Production by Type (2027-2032) & (k units)
- Table 147: Global Tension & Compression Force Sensor Production Market Share by Type (2021-2026)
- Table 148: Global Tension & Compression Force Sensor Production Market Share by Type (2027-2032)
- Table 149: Global Tension & Compression Force Sensor Production Value by Type (2021-2026) & (US\$ Million)
- Table 150: Global Tension & Compression Force Sensor Production Value by Type (2027-2032) & (US\$ Million)
- Table 151: Global Tension & Compression Force Sensor Production Value Market Share by Type (2021-2026)
- Table 152: Global Tension & Compression Force Sensor Production Value Market Share by Type (2027-2032)
- Table 153: Global Tension & Compression Force Sensor Price by Type (2021-2026) & (USD/unit)
- Table 154: Global Tension & Compression Force Sensor Price by Type (2027-2032) & (USD/unit)
- Table 155: Global Tension & Compression Force Sensor Production by Application (2021-2026) & (k units)
- Table 156: Global Tension & Compression Force Sensor Production by Application (2027-2032) & (k units)

- Table 157: Global Tension & Compression Force Sensor Production Market Share by Application (2021-2026)
- Table 158: Global Tension & Compression Force Sensor Production Market Share by Application (2027-2032)
- Table 159: Global Tension & Compression Force Sensor Production Value by Application (2021-2026) & (US\$ Million)
- Table 160: Global Tension & Compression Force Sensor Production Value by Application (2027-2032) & (US\$ Million)
- Table 161: Global Tension & Compression Force Sensor Production Value Market Share by Application (2021-2026)
- Table 162: Global Tension & Compression Force Sensor Production Value Market Share by Application (2027-2032)
- Table 163: Global Tension & Compression Force Sensor Price by Application (2021-2026) & (USD/unit)
- Table 164: Global Tension & Compression Force Sensor Price by Application (2027-2032) & (USD/unit)
- Table 165: Key Raw Materials
- Table 166: Raw Materials Key Suppliers
- Table 167: Tension & Compression Force Sensor Distributors List
- Table 168: Tension & Compression Force Sensor Customers List
- Table 169: Tension & Compression Force Sensor Industry Trends
- Table 170: Tension & Compression Force Sensor Industry Drivers
- Table 171: Tension & Compression Force Sensor Industry Restraints
- Table 172: Authors List of This Report

List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: Tension & Compression Force Sensor Product Image
- Figure 5: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: Tension Sensor Product Image
- Figure 7: Compression Force Sensor Product Image
- Figure 8: Steel Industry Product Image
- Figure 9: Textile Industry Product Image
- Figure 10: Other Product Image
- Figure 11: Global Tension & Compression Force Sensor Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 12: Global Tension & Compression Force Sensor Production Value (2021-2032) & (US\$ Million)
- Figure 13: Global Tension & Compression Force Sensor Production Capacity (2021-2032) & (k units)
- Figure 14: Global Tension & Compression Force Sensor Production (2021-2032) & (k units)
- Figure 15: Global Tension & Compression Force Sensor Average Price (USD/unit) & (2021-2032)
- Figure 16: Global Tension & Compression Force Sensor Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 17: Global Top 5 and 10 Tension & Compression Force Sensor Players Market Share by Production Value in 2025
- Figure 18: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 19: Global Tension & Compression Force Sensor Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 20: Global Tension & Compression Force Sensor Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 21: Global Tension & Compression Force Sensor Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 22: Global Tension & Compression Force Sensor Production Value Market Share by Region: 2021 VS 2025 VS 2032
- Figure 23: North America Tension & Compression Force Sensor Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 24: Europe Tension & Compression Force Sensor Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 25: China Tension & Compression Force Sensor Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 26: Japan Tension & Compression Force Sensor Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 27: South Korea Tension & Compression Force Sensor Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 28: Global Tension & Compression Force Sensor Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 29: Global Tension & Compression Force Sensor Consumption Market Share by Region: 2021 VS 2025 VS 2032
- Figure 30: North America Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 31: North America Tension & Compression Force Sensor Consumption Market Share by Country (2021-2032)
- Figure 32: United States Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 33: United States Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 34: Canada Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 35: Mexico Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 36: Europe Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 37: Europe Tension & Compression Force Sensor Consumption Market Share by Country (2021-2032)
- Figure 38: Germany Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 39: France Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 40: U.K. Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 41: Italy Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 42: Russia Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 43: Spain Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)

- Figure 44: Netherlands Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 45: Switzerland Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 46: Sweden Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 47: Poland Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 48: Asia Pacific Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 49: Asia Pacific Tension & Compression Force Sensor Consumption Market Share by Country (2021-2032)
- Figure 50: China Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 51: Japan Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 52: South Korea Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 53: India Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 54: Australia Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 55: Taiwan Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 56: Southeast Asia Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 57: South America, Middle East & Africa Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 58: South America, Middle East & Africa Tension & Compression Force Sensor Consumption Market Share by Country (2021-2032)
- Figure 59: Brazil Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 60: Argentina Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 61: Chile Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 62: Turkey Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 63: GCC Countries Tension & Compression Force Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 64: Global Tension & Compression Force Sensor Production Market Share by Type (2021-2032)
- Figure 65: Global Tension & Compression Force Sensor Production Value Market Share by Type (2021-2032)
- Figure 66: Global Tension & Compression Force Sensor Price (USD/unit) by Type (2021-2032)
- Figure 67: Global Tension & Compression Force Sensor Production Market Share by Application (2021-2032)
- Figure 68: Global Tension & Compression Force Sensor Production Value Market Share by Application (2021-2032)
- Figure 69: Global Tension & Compression Force Sensor Price (USD/unit) by Application (2021-2032)
- Figure 70: Tension & Compression Force Sensor Value Chain
- Figure 71: Tension & Compression Force Sensor Production Mode & Process
- Figure 72: Direct Comparison with Distribution Share
- Figure 73: Distributors Profiles
- Figure 74: Tension & Compression Force Sensor Industry Opportunities and Challenges