

# Global Thru-Beam Sensor Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G2372EA1F0A7EN.html>

Date: February 2023

Pages: 110

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

ID: G2372EA1F0A7EN

## Abstracts

According to our (Global Info Research) latest study, the global Thru-Beam Sensor market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global Thru-Beam 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 2023, are provided.

Key Features:

Global Thru-Beam Sensor market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Thru-Beam Sensor market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Thru-Beam Sensor market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Thru-Beam Sensor market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

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 Thru-Beam 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 Thru-Beam 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 Autosen, Balluff, BANNER ENGINEERING, Baumer Italy and Carlo Gavazzi, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

## Market Segmentation

Thru-Beam Sensor market is split by Type and by Application. For the period 2018-2029, 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

NPN

PNP

### Market segment by Application

Packaging Industry

Vehicle Industry

Food Processing Industry

Factory Automation

Other

#### Major players covered

Autosen

Balluff

BANNER ENGINEERING

Baumer Italy

Carlo Gavazzi

Contrinex

Di-soric

IFM

KEYENCE Canada

Leuze

Microsonic

OMRON

Panasonic

Pepperl + Fuchs

Rockwell Automation

SICK

Telemecanique Sensors

Wenglor Sensoric GmbH

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 Thru-Beam Sensor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Thru-Beam Sensor, with price, sales, revenue and global market share of Thru-Beam Sensor from 2018 to 2023.

Chapter 3, the Thru-Beam Sensor competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Thru-Beam Sensor breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

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 2017 to 2022. and Thru-Beam Sensor market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Thru-Beam Sensor.

Chapter 14 and 15, to describe Thru-Beam Sensor sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope of Thru-Beam Sensor

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Thru-Beam Sensor Consumption Value by Type: 2018 Versus 2022 Versus 2029

1.3.2 NPN

1.3.3 PNP

1.4 Market Analysis by Application

1.4.1 Overview: Global Thru-Beam Sensor Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 Packaging Industry

1.4.3 Vehicle Industry

1.4.4 Food Processing Industry

1.4.5 Factory Automation

1.4.6 Other

1.5 Global Thru-Beam Sensor Market Size & Forecast

1.5.1 Global Thru-Beam Sensor Consumption Value (2018 & 2022 & 2029)

1.5.2 Global Thru-Beam Sensor Sales Quantity (2018-2029)

1.5.3 Global Thru-Beam Sensor Average Price (2018-2029)

### 2 MANUFACTURERS PROFILES

2.1 Autosen

2.1.1 Autosen Details

2.1.2 Autosen Major Business

2.1.3 Autosen Thru-Beam Sensor Product and Services

2.1.4 Autosen Thru-Beam Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 Autosen Recent Developments/Updates

2.2 Balluff

2.2.1 Balluff Details

2.2.2 Balluff Major Business

2.2.3 Balluff Thru-Beam Sensor Product and Services

2.2.4 Balluff Thru-Beam Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.2.5 Balluff Recent Developments/Updates
- 2.3 BANNER ENGINEERING
  - 2.3.1 BANNER ENGINEERING Details
  - 2.3.2 BANNER ENGINEERING Major Business
  - 2.3.3 BANNER ENGINEERING Thru-Beam Sensor Product and Services
  - 2.3.4 BANNER ENGINEERING Thru-Beam Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.3.5 BANNER ENGINEERING Recent Developments/Updates
- 2.4 Baumer Italy
  - 2.4.1 Baumer Italy Details
  - 2.4.2 Baumer Italy Major Business
  - 2.4.3 Baumer Italy Thru-Beam Sensor Product and Services
  - 2.4.4 Baumer Italy Thru-Beam Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.4.5 Baumer Italy Recent Developments/Updates
- 2.5 Carlo Gavazzi
  - 2.5.1 Carlo Gavazzi Details
  - 2.5.2 Carlo Gavazzi Major Business
  - 2.5.3 Carlo Gavazzi Thru-Beam Sensor Product and Services
  - 2.5.4 Carlo Gavazzi Thru-Beam Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.5.5 Carlo Gavazzi Recent Developments/Updates
- 2.6 Contrinex
  - 2.6.1 Contrinex Details
  - 2.6.2 Contrinex Major Business
  - 2.6.3 Contrinex Thru-Beam Sensor Product and Services
  - 2.6.4 Contrinex Thru-Beam Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.6.5 Contrinex Recent Developments/Updates
- 2.7 Di-soric
  - 2.7.1 Di-soric Details
  - 2.7.2 Di-soric Major Business
  - 2.7.3 Di-soric Thru-Beam Sensor Product and Services
  - 2.7.4 Di-soric Thru-Beam Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.7.5 Di-soric Recent Developments/Updates
- 2.8 IFM
  - 2.8.1 IFM Details
  - 2.8.2 IFM Major Business

- 2.8.3 IFM Thru-Beam Sensor Product and Services
- 2.8.4 IFM Thru-Beam Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.8.5 IFM Recent Developments/Updates
- 2.9 KEYENCE Canada
  - 2.9.1 KEYENCE Canada Details
  - 2.9.2 KEYENCE Canada Major Business
  - 2.9.3 KEYENCE Canada Thru-Beam Sensor Product and Services
  - 2.9.4 KEYENCE Canada Thru-Beam Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.9.5 KEYENCE Canada Recent Developments/Updates
- 2.10 Leuze
  - 2.10.1 Leuze Details
  - 2.10.2 Leuze Major Business
  - 2.10.3 Leuze Thru-Beam Sensor Product and Services
  - 2.10.4 Leuze Thru-Beam Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.10.5 Leuze Recent Developments/Updates
- 2.11 Microsonic
  - 2.11.1 Microsonic Details
  - 2.11.2 Microsonic Major Business
  - 2.11.3 Microsonic Thru-Beam Sensor Product and Services
  - 2.11.4 Microsonic Thru-Beam Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.11.5 Microsonic Recent Developments/Updates
- 2.12 OMRON
  - 2.12.1 OMRON Details
  - 2.12.2 OMRON Major Business
  - 2.12.3 OMRON Thru-Beam Sensor Product and Services
  - 2.12.4 OMRON Thru-Beam Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.12.5 OMRON Recent Developments/Updates
- 2.13 Panasonic
  - 2.13.1 Panasonic Details
  - 2.13.2 Panasonic Major Business
  - 2.13.3 Panasonic Thru-Beam Sensor Product and Services
  - 2.13.4 Panasonic Thru-Beam Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.13.5 Panasonic Recent Developments/Updates



## 2.14 Pepperl + Fuchs

2.14.1 Pepperl + Fuchs Details

2.14.2 Pepperl + Fuchs Major Business

2.14.3 Pepperl + Fuchs Thru-Beam Sensor Product and Services

2.14.4 Pepperl + Fuchs Thru-Beam Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.14.5 Pepperl + Fuchs Recent Developments/Updates

## 2.15 Rockwell Automation

2.15.1 Rockwell Automation Details

2.15.2 Rockwell Automation Major Business

2.15.3 Rockwell Automation Thru-Beam Sensor Product and Services

2.15.4 Rockwell Automation Thru-Beam Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.15.5 Rockwell Automation Recent Developments/Updates

## 2.16 SICK

2.16.1 SICK Details

2.16.2 SICK Major Business

2.16.3 SICK Thru-Beam Sensor Product and Services

2.16.4 SICK Thru-Beam Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.16.5 SICK Recent Developments/Updates

## 2.17 Telemecanique Sensors

2.17.1 Telemecanique Sensors Details

2.17.2 Telemecanique Sensors Major Business

2.17.3 Telemecanique Sensors Thru-Beam Sensor Product and Services

2.17.4 Telemecanique Sensors Thru-Beam Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.17.5 Telemecanique Sensors Recent Developments/Updates

## 2.18 Wenglor Sensoric GmbH

2.18.1 Wenglor Sensoric GmbH Details

2.18.2 Wenglor Sensoric GmbH Major Business

2.18.3 Wenglor Sensoric GmbH Thru-Beam Sensor Product and Services

2.18.4 Wenglor Sensoric GmbH Thru-Beam Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.18.5 Wenglor Sensoric GmbH Recent Developments/Updates

## **3 COMPETITIVE ENVIRONMENT: THRU-BEAM SENSOR BY MANUFACTURER**

### 3.1 Global Thru-Beam Sensor Sales Quantity by Manufacturer (2018-2023)

- 3.2 Global Thru-Beam Sensor Revenue by Manufacturer (2018-2023)
- 3.3 Global Thru-Beam Sensor Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)
  - 3.4.1 Producer Shipments of Thru-Beam Sensor by Manufacturer Revenue (\$MM) and Market Share (%): 2022
  - 3.4.2 Top 3 Thru-Beam Sensor Manufacturer Market Share in 2022
  - 3.4.2 Top 6 Thru-Beam Sensor Manufacturer Market Share in 2022
- 3.5 Thru-Beam Sensor Market: Overall Company Footprint Analysis
  - 3.5.1 Thru-Beam Sensor Market: Region Footprint
  - 3.5.2 Thru-Beam Sensor Market: Company Product Type Footprint
  - 3.5.3 Thru-Beam 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 Thru-Beam Sensor Market Size by Region
  - 4.1.1 Global Thru-Beam Sensor Sales Quantity by Region (2018-2029)
  - 4.1.2 Global Thru-Beam Sensor Consumption Value by Region (2018-2029)
  - 4.1.3 Global Thru-Beam Sensor Average Price by Region (2018-2029)
- 4.2 North America Thru-Beam Sensor Consumption Value (2018-2029)
- 4.3 Europe Thru-Beam Sensor Consumption Value (2018-2029)
- 4.4 Asia-Pacific Thru-Beam Sensor Consumption Value (2018-2029)
- 4.5 South America Thru-Beam Sensor Consumption Value (2018-2029)
- 4.6 Middle East and Africa Thru-Beam Sensor Consumption Value (2018-2029)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Thru-Beam Sensor Sales Quantity by Type (2018-2029)
- 5.2 Global Thru-Beam Sensor Consumption Value by Type (2018-2029)
- 5.3 Global Thru-Beam Sensor Average Price by Type (2018-2029)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Thru-Beam Sensor Sales Quantity by Application (2018-2029)
- 6.2 Global Thru-Beam Sensor Consumption Value by Application (2018-2029)
- 6.3 Global Thru-Beam Sensor Average Price by Application (2018-2029)

## **7 NORTH AMERICA**

- 7.1 North America Thru-Beam Sensor Sales Quantity by Type (2018-2029)
- 7.2 North America Thru-Beam Sensor Sales Quantity by Application (2018-2029)
- 7.3 North America Thru-Beam Sensor Market Size by Country
  - 7.3.1 North America Thru-Beam Sensor Sales Quantity by Country (2018-2029)
  - 7.3.2 North America Thru-Beam Sensor Consumption Value by Country (2018-2029)
  - 7.3.3 United States Market Size and Forecast (2018-2029)
  - 7.3.4 Canada Market Size and Forecast (2018-2029)
  - 7.3.5 Mexico Market Size and Forecast (2018-2029)

## **8 EUROPE**

- 8.1 Europe Thru-Beam Sensor Sales Quantity by Type (2018-2029)
- 8.2 Europe Thru-Beam Sensor Sales Quantity by Application (2018-2029)
- 8.3 Europe Thru-Beam Sensor Market Size by Country
  - 8.3.1 Europe Thru-Beam Sensor Sales Quantity by Country (2018-2029)
  - 8.3.2 Europe Thru-Beam Sensor Consumption Value by Country (2018-2029)
  - 8.3.3 Germany Market Size and Forecast (2018-2029)
  - 8.3.4 France Market Size and Forecast (2018-2029)
  - 8.3.5 United Kingdom Market Size and Forecast (2018-2029)
  - 8.3.6 Russia Market Size and Forecast (2018-2029)
  - 8.3.7 Italy Market Size and Forecast (2018-2029)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific Thru-Beam Sensor Sales Quantity by Type (2018-2029)
- 9.2 Asia-Pacific Thru-Beam Sensor Sales Quantity by Application (2018-2029)
- 9.3 Asia-Pacific Thru-Beam Sensor Market Size by Region
  - 9.3.1 Asia-Pacific Thru-Beam Sensor Sales Quantity by Region (2018-2029)
  - 9.3.2 Asia-Pacific Thru-Beam Sensor Consumption Value by Region (2018-2029)
  - 9.3.3 China Market Size and Forecast (2018-2029)
  - 9.3.4 Japan Market Size and Forecast (2018-2029)
  - 9.3.5 Korea Market Size and Forecast (2018-2029)
  - 9.3.6 India Market Size and Forecast (2018-2029)
  - 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
  - 9.3.8 Australia Market Size and Forecast (2018-2029)

## **10 SOUTH AMERICA**

- 10.1 South America Thru-Beam Sensor Sales Quantity by Type (2018-2029)
- 10.2 South America Thru-Beam Sensor Sales Quantity by Application (2018-2029)
- 10.3 South America Thru-Beam Sensor Market Size by Country
  - 10.3.1 South America Thru-Beam Sensor Sales Quantity by Country (2018-2029)
  - 10.3.2 South America Thru-Beam Sensor Consumption Value by Country (2018-2029)
  - 10.3.3 Brazil Market Size and Forecast (2018-2029)
  - 10.3.4 Argentina Market Size and Forecast (2018-2029)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Thru-Beam Sensor Sales Quantity by Type (2018-2029)
- 11.2 Middle East & Africa Thru-Beam Sensor Sales Quantity by Application (2018-2029)
- 11.3 Middle East & Africa Thru-Beam Sensor Market Size by Country
  - 11.3.1 Middle East & Africa Thru-Beam Sensor Sales Quantity by Country (2018-2029)
  - 11.3.2 Middle East & Africa Thru-Beam Sensor Consumption Value by Country (2018-2029)
  - 11.3.3 Turkey Market Size and Forecast (2018-2029)
  - 11.3.4 Egypt Market Size and Forecast (2018-2029)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)
  - 11.3.6 South Africa Market Size and Forecast (2018-2029)

## **12 MARKET DYNAMICS**

- 12.1 Thru-Beam Sensor Market Drivers
- 12.2 Thru-Beam Sensor Market Restraints
- 12.3 Thru-Beam 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
- 12.5 Influence of COVID-19 and Russia-Ukraine War
  - 12.5.1 Influence of COVID-19
  - 12.5.2 Influence of Russia-Ukraine War

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of Thru-Beam Sensor and Key Manufacturers

13.2 Manufacturing Costs Percentage of Thru-Beam Sensor

13.3 Thru-Beam Sensor Production Process

13.4 Thru-Beam Sensor Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Thru-Beam Sensor Typical Distributors

14.3 Thru-Beam 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 Thru-Beam Sensor Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Thru-Beam Sensor Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Autosen Basic Information, Manufacturing Base and Competitors

Table 4. Autosen Major Business

Table 5. Autosen Thru-Beam Sensor Product and Services

Table 6. Autosen Thru-Beam Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Autosen Recent Developments/Updates

Table 8. Balluff Basic Information, Manufacturing Base and Competitors

Table 9. Balluff Major Business

Table 10. Balluff Thru-Beam Sensor Product and Services

Table 11. Balluff Thru-Beam Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Balluff Recent Developments/Updates

Table 13. BANNER ENGINEERING Basic Information, Manufacturing Base and Competitors

Table 14. BANNER ENGINEERING Major Business

Table 15. BANNER ENGINEERING Thru-Beam Sensor Product and Services

Table 16. BANNER ENGINEERING Thru-Beam Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. BANNER ENGINEERING Recent Developments/Updates

Table 18. Baumer Italy Basic Information, Manufacturing Base and Competitors

Table 19. Baumer Italy Major Business

Table 20. Baumer Italy Thru-Beam Sensor Product and Services

Table 21. Baumer Italy Thru-Beam Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Baumer Italy Recent Developments/Updates

Table 23. Carlo Gavazzi Basic Information, Manufacturing Base and Competitors

Table 24. Carlo Gavazzi Major Business

Table 25. Carlo Gavazzi Thru-Beam Sensor Product and Services

Table 26. Carlo Gavazzi Thru-Beam Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

- Table 27. Carlo Gavazzi Recent Developments/Updates
- Table 28. Contrinex Basic Information, Manufacturing Base and Competitors
- Table 29. Contrinex Major Business
- Table 30. Contrinex Thru-Beam Sensor Product and Services
- Table 31. Contrinex Thru-Beam Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 32. Contrinex Recent Developments/Updates
- Table 33. Di-soric Basic Information, Manufacturing Base and Competitors
- Table 34. Di-soric Major Business
- Table 35. Di-soric Thru-Beam Sensor Product and Services
- Table 36. Di-soric Thru-Beam Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 37. Di-soric Recent Developments/Updates
- Table 38. IFM Basic Information, Manufacturing Base and Competitors
- Table 39. IFM Major Business
- Table 40. IFM Thru-Beam Sensor Product and Services
- Table 41. IFM Thru-Beam Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 42. IFM Recent Developments/Updates
- Table 43. KEYENCE Canada Basic Information, Manufacturing Base and Competitors
- Table 44. KEYENCE Canada Major Business
- Table 45. KEYENCE Canada Thru-Beam Sensor Product and Services
- Table 46. KEYENCE Canada Thru-Beam Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 47. KEYENCE Canada Recent Developments/Updates
- Table 48. Leuze Basic Information, Manufacturing Base and Competitors
- Table 49. Leuze Major Business
- Table 50. Leuze Thru-Beam Sensor Product and Services
- Table 51. Leuze Thru-Beam Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 52. Leuze Recent Developments/Updates
- Table 53. Microsonic Basic Information, Manufacturing Base and Competitors
- Table 54. Microsonic Major Business
- Table 55. Microsonic Thru-Beam Sensor Product and Services
- Table 56. Microsonic Thru-Beam Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 57. Microsonic Recent Developments/Updates
- Table 58. OMRON Basic Information, Manufacturing Base and Competitors
- Table 59. OMRON Major Business

- Table 60. OMRON Thru-Beam Sensor Product and Services
- Table 61. OMRON Thru-Beam Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 62. OMRON Recent Developments/Updates
- Table 63. Panasonic Basic Information, Manufacturing Base and Competitors
- Table 64. Panasonic Major Business
- Table 65. Panasonic Thru-Beam Sensor Product and Services
- Table 66. Panasonic Thru-Beam Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 67. Panasonic Recent Developments/Updates
- Table 68. Pepperl + Fuchs Basic Information, Manufacturing Base and Competitors
- Table 69. Pepperl + Fuchs Major Business
- Table 70. Pepperl + Fuchs Thru-Beam Sensor Product and Services
- Table 71. Pepperl + Fuchs Thru-Beam Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 72. Pepperl + Fuchs Recent Developments/Updates
- Table 73. Rockwell Automation Basic Information, Manufacturing Base and Competitors
- Table 74. Rockwell Automation Major Business
- Table 75. Rockwell Automation Thru-Beam Sensor Product and Services
- Table 76. Rockwell Automation Thru-Beam Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 77. Rockwell Automation Recent Developments/Updates
- Table 78. SICK Basic Information, Manufacturing Base and Competitors
- Table 79. SICK Major Business
- Table 80. SICK Thru-Beam Sensor Product and Services
- Table 81. SICK Thru-Beam Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 82. SICK Recent Developments/Updates
- Table 83. Telemecanique Sensors Basic Information, Manufacturing Base and Competitors
- Table 84. Telemecanique Sensors Major Business
- Table 85. Telemecanique Sensors Thru-Beam Sensor Product and Services
- Table 86. Telemecanique Sensors Thru-Beam Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 87. Telemecanique Sensors Recent Developments/Updates
- Table 88. Wenglor Sensoric GmbH Basic Information, Manufacturing Base and Competitors
- Table 89. Wenglor Sensoric GmbH Major Business



- Table 90. Wenglor Sensoric GmbH Thru-Beam Sensor Product and Services
- Table 91. Wenglor Sensoric GmbH Thru-Beam Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 92. Wenglor Sensoric GmbH Recent Developments/Updates
- Table 93. Global Thru-Beam Sensor Sales Quantity by Manufacturer (2018-2023) & (K Units)
- Table 94. Global Thru-Beam Sensor Revenue by Manufacturer (2018-2023) & (USD Million)
- Table 95. Global Thru-Beam Sensor Average Price by Manufacturer (2018-2023) & (US\$/Unit)
- Table 96. Market Position of Manufacturers in Thru-Beam Sensor, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022
- Table 97. Head Office and Thru-Beam Sensor Production Site of Key Manufacturer
- Table 98. Thru-Beam Sensor Market: Company Product Type Footprint
- Table 99. Thru-Beam Sensor Market: Company Product Application Footprint
- Table 100. Thru-Beam Sensor New Market Entrants and Barriers to Market Entry
- Table 101. Thru-Beam Sensor Mergers, Acquisition, Agreements, and Collaborations
- Table 102. Global Thru-Beam Sensor Sales Quantity by Region (2018-2023) & (K Units)
- Table 103. Global Thru-Beam Sensor Sales Quantity by Region (2024-2029) & (K Units)
- Table 104. Global Thru-Beam Sensor Consumption Value by Region (2018-2023) & (USD Million)
- Table 105. Global Thru-Beam Sensor Consumption Value by Region (2024-2029) & (USD Million)
- Table 106. Global Thru-Beam Sensor Average Price by Region (2018-2023) & (US\$/Unit)
- Table 107. Global Thru-Beam Sensor Average Price by Region (2024-2029) & (US\$/Unit)
- Table 108. Global Thru-Beam Sensor Sales Quantity by Type (2018-2023) & (K Units)
- Table 109. Global Thru-Beam Sensor Sales Quantity by Type (2024-2029) & (K Units)
- Table 110. Global Thru-Beam Sensor Consumption Value by Type (2018-2023) & (USD Million)
- Table 111. Global Thru-Beam Sensor Consumption Value by Type (2024-2029) & (USD Million)
- Table 112. Global Thru-Beam Sensor Average Price by Type (2018-2023) & (US\$/Unit)
- Table 113. Global Thru-Beam Sensor Average Price by Type (2024-2029) & (US\$/Unit)
- Table 114. Global Thru-Beam Sensor Sales Quantity by Application (2018-2023) & (K

Units)

Table 115. Global Thru-Beam Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 116. Global Thru-Beam Sensor Consumption Value by Application (2018-2023) & (USD Million)

Table 117. Global Thru-Beam Sensor Consumption Value by Application (2024-2029) & (USD Million)

Table 118. Global Thru-Beam Sensor Average Price by Application (2018-2023) & (US\$/Unit)

Table 119. Global Thru-Beam Sensor Average Price by Application (2024-2029) & (US\$/Unit)

Table 120. North America Thru-Beam Sensor Sales Quantity by Type (2018-2023) & (K Units)

Table 121. North America Thru-Beam Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 122. North America Thru-Beam Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 123. North America Thru-Beam Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 124. North America Thru-Beam Sensor Sales Quantity by Country (2018-2023) & (K Units)

Table 125. North America Thru-Beam Sensor Sales Quantity by Country (2024-2029) & (K Units)

Table 126. North America Thru-Beam Sensor Consumption Value by Country (2018-2023) & (USD Million)

Table 127. North America Thru-Beam Sensor Consumption Value by Country (2024-2029) & (USD Million)

Table 128. Europe Thru-Beam Sensor Sales Quantity by Type (2018-2023) & (K Units)

Table 129. Europe Thru-Beam Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 130. Europe Thru-Beam Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 131. Europe Thru-Beam Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 132. Europe Thru-Beam Sensor Sales Quantity by Country (2018-2023) & (K Units)

Table 133. Europe Thru-Beam Sensor Sales Quantity by Country (2024-2029) & (K Units)

Table 134. Europe Thru-Beam Sensor Consumption Value by Country (2018-2023) & (USD Million)

Table 135. Europe Thru-Beam Sensor Consumption Value by Country (2024-2029) & (USD Million)

Table 136. Asia-Pacific Thru-Beam Sensor Sales Quantity by Type (2018-2023) & (K Units)

Table 137. Asia-Pacific Thru-Beam Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 138. Asia-Pacific Thru-Beam Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 139. Asia-Pacific Thru-Beam Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 140. Asia-Pacific Thru-Beam Sensor Sales Quantity by Region (2018-2023) & (K Units)

Table 141. Asia-Pacific Thru-Beam Sensor Sales Quantity by Region (2024-2029) & (K Units)

Table 142. Asia-Pacific Thru-Beam Sensor Consumption Value by Region (2018-2023) & (USD Million)

Table 143. Asia-Pacific Thru-Beam Sensor Consumption Value by Region (2024-2029) & (USD Million)

Table 144. South America Thru-Beam Sensor Sales Quantity by Type (2018-2023) & (K Units)

Table 145. South America Thru-Beam Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 146. South America Thru-Beam Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 147. South America Thru-Beam Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 148. South America Thru-Beam Sensor Sales Quantity by Country (2018-2023) & (K Units)

Table 149. South America Thru-Beam Sensor Sales Quantity by Country (2024-2029) & (K Units)

Table 150. South America Thru-Beam Sensor Consumption Value by Country (2018-2023) & (USD Million)

Table 151. South America Thru-Beam Sensor Consumption Value by Country (2024-2029) & (USD Million)

Table 152. Middle East & Africa Thru-Beam Sensor Sales Quantity by Type (2018-2023) & (K Units)

Table 153. Middle East & Africa Thru-Beam Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 154. Middle East & Africa Thru-Beam Sensor Sales Quantity by Application

(2018-2023) & (K Units)

Table 155. Middle East & Africa Thru-Beam Sensor Sales Quantity by Application

(2024-2029) & (K Units)

Table 156. Middle East & Africa Thru-Beam Sensor Sales Quantity by Region

(2018-2023) & (K Units)

Table 157. Middle East & Africa Thru-Beam Sensor Sales Quantity by Region

(2024-2029) & (K Units)

Table 158. Middle East & Africa Thru-Beam Sensor Consumption Value by Region

(2018-2023) & (USD Million)

Table 159. Middle East & Africa Thru-Beam Sensor Consumption Value by Region

(2024-2029) & (USD Million)

Table 160. Thru-Beam Sensor Raw Material

Table 161. Key Manufacturers of Thru-Beam Sensor Raw Materials

Table 162. Thru-Beam Sensor Typical Distributors

Table 163. Thru-Beam Sensor Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Thru-Beam Sensor Picture

Figure 2. Global Thru-Beam Sensor Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Thru-Beam Sensor Consumption Value Market Share by Type in 2022

Figure 4. NPN Examples

Figure 5. PNP Examples

Figure 6. Global Thru-Beam Sensor Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 7. Global Thru-Beam Sensor Consumption Value Market Share by Application in 2022

Figure 8. Packaging Industry Examples

Figure 9. Vehicle Industry Examples

Figure 10. Food Processing Industry Examples

Figure 11. Factory Automation Examples

Figure 12. Other Examples

Figure 13. Global Thru-Beam Sensor Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 14. Global Thru-Beam Sensor Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 15. Global Thru-Beam Sensor Sales Quantity (2018-2029) & (K Units)

Figure 16. Global Thru-Beam Sensor Average Price (2018-2029) & (US\$/Unit)

Figure 17. Global Thru-Beam Sensor Sales Quantity Market Share by Manufacturer in 2022

Figure 18. Global Thru-Beam Sensor Consumption Value Market Share by Manufacturer in 2022

Figure 19. Producer Shipments of Thru-Beam Sensor by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 20. Top 3 Thru-Beam Sensor Manufacturer (Consumption Value) Market Share in 2022

Figure 21. Top 6 Thru-Beam Sensor Manufacturer (Consumption Value) Market Share in 2022

Figure 22. Global Thru-Beam Sensor Sales Quantity Market Share by Region (2018-2029)

Figure 23. Global Thru-Beam Sensor Consumption Value Market Share by Region (2018-2029)

Figure 24. North America Thru-Beam Sensor Consumption Value (2018-2029) & (USD Million)

Figure 25. Europe Thru-Beam Sensor Consumption Value (2018-2029) & (USD Million)

Figure 26. Asia-Pacific Thru-Beam Sensor Consumption Value (2018-2029) & (USD Million)

Figure 27. South America Thru-Beam Sensor Consumption Value (2018-2029) & (USD Million)

Figure 28. Middle East & Africa Thru-Beam Sensor Consumption Value (2018-2029) & (USD Million)

Figure 29. Global Thru-Beam Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 30. Global Thru-Beam Sensor Consumption Value Market Share by Type (2018-2029)

Figure 31. Global Thru-Beam Sensor Average Price by Type (2018-2029) & (US\$/Unit)

Figure 32. Global Thru-Beam Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 33. Global Thru-Beam Sensor Consumption Value Market Share by Application (2018-2029)

Figure 34. Global Thru-Beam Sensor Average Price by Application (2018-2029) & (US\$/Unit)

Figure 35. North America Thru-Beam Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 36. North America Thru-Beam Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 37. North America Thru-Beam Sensor Sales Quantity Market Share by Country (2018-2029)

Figure 38. North America Thru-Beam Sensor Consumption Value Market Share by Country (2018-2029)

Figure 39. United States Thru-Beam Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 40. Canada Thru-Beam Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Mexico Thru-Beam Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Europe Thru-Beam Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 43. Europe Thru-Beam Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 44. Europe Thru-Beam Sensor Sales Quantity Market Share by Country

(2018-2029)

Figure 45. Europe Thru-Beam Sensor Consumption Value Market Share by Country (2018-2029)

Figure 46. Germany Thru-Beam Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. France Thru-Beam Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. United Kingdom Thru-Beam Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Russia Thru-Beam Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Italy Thru-Beam Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Asia-Pacific Thru-Beam Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 52. Asia-Pacific Thru-Beam Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 53. Asia-Pacific Thru-Beam Sensor Sales Quantity Market Share by Region (2018-2029)

Figure 54. Asia-Pacific Thru-Beam Sensor Consumption Value Market Share by Region (2018-2029)

Figure 55. China Thru-Beam Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Japan Thru-Beam Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Korea Thru-Beam Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. India Thru-Beam Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Southeast Asia Thru-Beam Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Australia Thru-Beam Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. South America Thru-Beam Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 62. South America Thru-Beam Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 63. South America Thru-Beam Sensor Sales Quantity Market Share by Country (2018-2029)

Figure 64. South America Thru-Beam Sensor Consumption Value Market Share by Country (2018-2029)

Figure 65. Brazil Thru-Beam Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 66. Argentina Thru-Beam Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 67. Middle East & Africa Thru-Beam Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 68. Middle East & Africa Thru-Beam Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 69. Middle East & Africa Thru-Beam Sensor Sales Quantity Market Share by Region (2018-2029)

Figure 70. Middle East & Africa Thru-Beam Sensor Consumption Value Market Share by Region (2018-2029)

Figure 71. Turkey Thru-Beam Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. Egypt Thru-Beam Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. Saudi Arabia Thru-Beam Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. South Africa Thru-Beam Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. Thru-Beam Sensor Market Drivers

Figure 76. Thru-Beam Sensor Market Restraints

Figure 77. Thru-Beam Sensor Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of Thru-Beam Sensor in 2022

Figure 80. Manufacturing Process Analysis of Thru-Beam Sensor

Figure 81. Thru-Beam Sensor Industrial Chain

Figure 82. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source



## I would like to order

Product name: Global Thru-Beam Sensor Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G2372EA1F0A7EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G2372EA1F0A7EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

