

Middle East & Africa Laser Distance Sensor Market Forecast to 2030 - Regional Analysis - by Distance (Between 2 and 10 Meters, Between 11 and 100 Meters, Between 101 and 200 Meters, and Between 201 and 500 Meters), Accuracy (1 mm at 2 Sigma, 3 mm with 2 Sigma, and 5 mm at 2 Sigma), and End User (Manufacturing, Construction, Automotive and Robotics, Aerospace and Defense, Geospatial Industry, and Others)

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Abstracts

The Middle East & Africa laser distance sensor market was valued at US\$ 79.24 million in 2022 and is expected to reach US\$ 129.29 million by 2030; it is estimated to register at a CAGR of 6.3% from 2022 to 2030.

Strategic Initiatives by Market Players Bolster Middle East & Africa Laser Distance Sensor Market

Laser distance sensors provide precise distance, spacing, and position measurements. They provide accurate and precise measurement of distance, making them ideal for application in consumer electronics, medical, industrial, automation, and other such industries. With the rise in demand from these industries, a few major players in the laser distance sensor market are focused on implementing a wide range of organic and inorganic growth strategies to cater to the growing demand for several industry verticals, further driving the laser distance sensor market. A few of these growth strategies are mentioned below:

In March 2023, Panasonic presented the new laser distance sensor HG-F, which can detect reliably at distances of up to 3 m using ToF (Time of Flight) technology. The sensor can also be installed at a certain distance from the object to be measured so that employees or the movement radius of cobots or robot arms can operate freely.

In June 2023, Micro-Epsilon, a precision sensor supplier, introduced a non-contact laser distance sensor that measures distances up to 270 m with a resolution of 1 mm. This sensor measures reliably even in difficult environments such as dark, structured, or weakly reflecting objects.

Middle East & Africa Laser Distance Sensor Market Overview

In the Middle East & Africa (MEA), the laser distance sensor market is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of MEA. A few prominent industries across the region are consumer electronics, automotive, and telecommunications. The growing automotive industry in the MEA propels the demand for laser distance sensors for the vehicle's inclusion of sensing technologies. According to the Managing Director of Nissan Middle East, in March 2022, the company reported a 9.9% sales increase across the Gulf in the first three quarters of 2021 compared to the same quarters of 2020. Thus, rising sales of automotive vehicles boost the demand for laser distance sensors for automotive sensing functionalities, which fuels the laser distance sensor market in the region.

Middle East & Africa Laser Distance Sensor Market Revenue and Forecast to 2030 (US\$ Million)

Middle East & Africa laser distance sensor market Segmentation

The Middle East & Africa laser distance sensor market is segmented based on distance, accuracy, end user, and country.

Based on distance, the Middle East & Africa laser distance sensor market is segmented into between 2 and 10 meters, between 11 and 100 meters, between 101 and 200 meters, and between 201 and 500 meters. The between 101 and 200 meters segment held the largest share in 2022.

In terms of accuracy, the Middle East & Africa laser distance sensor market is segmented into 1 mm at 2 sigma, 3 mm with 2 sigma, and 5 mm at 2 sigma. The 3 mm

with 2 sigma segment held the largest share in 2022.

By end user, the Middle East & Africa laser distance sensor market is segmented into manufacturing, construction, automotive and robotics, aerospace and defense, geospatial industry, and others. The automotive and robotics segment held the largest share in 2022.

Based on country, the Middle East & Africa laser distance sensor market is categorized into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. The Rest of Middle East & Africa dominated the Middle East & Africa laser distance sensor market in 2022.

Sick AG, ifm Electronic GmbH, Baumer Holding AG, Keyence Corp, Leuze electronic GmbH & Co KG, and Jenoptik AG are some of the leading companies operating in the Middle East & Africa laser distance sensor market.

Contents

1. INTRODUCTION

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

2. EXECUTIVE SUMMARY

- 2.1 Key Insights
- 2.2 Market Attractiveness

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. MIDDLE EAST & AFRICA LASER DISTANCE SENSOR MARKET LANDSCAPE

- 4.1 Overview
- 4.2 Ecosystem Analysis
 - 4.2.1 Component Providers:
 - 4.2.2 Manufacturers:
 - 4.2.3 Distributors or Suppliers:
 - 4.2.4 End-Users:
 - 4.2.5 List of Vendors in Value Chain

5. MIDDLE EAST & AFRICA LASER DISTANCE SENSOR MARKET - KEY INDUSTRY DYNAMICS

- 5.1 Drivers
 - 5.1.1 Rise in Demand for Sensors in Automotive Applications
 - 5.1.2 Strategic Initiatives by Market Players
- 5.2 Restraints
 - 5.2.1 Stringent Government Regulations for Using Laser-Based Products
- 5.3 Opportunities
 - 5.3.1 Government Initiatives to Boost Manufacturing Facilities
 - 5.3.2 Rise in Government Spending on Defense Sector

5.4 Future Trends:

5.4.1 Advent of Advanced Robotics Solutions

5.5 Impact of Drivers and Restraints:

6. LASER DISTANCE SENSOR MARKET - MIDDLE EAST & AFRICA MARKET ANALYSIS

6.1 Middle East & Africa Laser Distance Sensor Market Revenue (US\$ Million), 2022 - 2030

7. MIDDLE EAST & AFRICA LASER DISTANCE SENSOR MARKET ANALYSIS - DISTANCE

7.1 Between 2 and 10 Meters

7.1.1 Overview

7.2 Between 11 and 100 Meters

7.2.1 Overview

7.3 Between 101 and 200 Meters

7.3.1 Overview

7.4 Between 201 and 500 Meters

7.4.1 Overview

8. MIDDLE EAST & AFRICA LASER DISTANCE SENSOR MARKET ANALYSIS - ACCURACY

8.1 1mm at 2 Sigma

8.1.1 Overview

8.2 3mm with 2 Sigma

8.2.1 Overview

8.3 5mm at 2 Sigma

8.3.1 Overview

9. MIDDLE EAST & AFRICA LASER DISTANCE SENSOR MARKET ANALYSIS - END USER

9.1 Manufacturing

9.1.1 Overview

9.2 Construction

9.2.1 Overview

9.3 Automotive and Robotics

9.3.1 Overview

9.4 Aerospace and Defence

9.4.1 Overview

9.5 Geospatial Industry

9.5.1 Overview

9.6 Others

9.6.1 Overview

10. MIDDLE EAST & AFRICA LASER DISTANCE SENSOR MARKET - COUNTRY ANALYSIS

10.1 Middle East & Africa

10.1.1 Middle East & Africa Laser Distance Sensor Market Overview

10.1.2 Middle East & Africa Laser Distance Sensor Market Revenue and Forecasts and Analysis - By Countries

10.1.2.1 South Africa Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$ Million)

10.1.2.1.1 South Africa Laser Distance Sensor Market Breakdown by Distance

10.1.2.1.2 South Africa Laser Distance Sensor Market Breakdown by Accuracy

10.1.2.1.3 South Africa Laser Distance Sensor Market Breakdown by End user

10.1.2.2 Saudi Arabia Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$ Million)

10.1.2.2.1 Saudi Arabia Laser Distance Sensor Market Breakdown by Distance

10.1.2.2.2 Saudi Arabia Laser Distance Sensor Market Breakdown by Accuracy

10.1.2.2.3 Saudi Arabia Laser Distance Sensor Market Breakdown by End user

10.1.2.3 UAE Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$ Million)

10.1.2.3.1 UAE Laser Distance Sensor Market Breakdown by Distance

10.1.2.3.2 UAE Laser Distance Sensor Market Breakdown by Accuracy

10.1.2.3.3 UAE Laser Distance Sensor Market Breakdown by End user

10.1.2.4 Rest of Middle East & Africa Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$ Million)

10.1.2.4.1 Rest of Middle East & Africa Laser Distance Sensor Market Breakdown by Distance

10.1.2.4.2 Rest of Middle East & Africa Laser Distance Sensor Market Breakdown by Accuracy

10.1.2.4.3 Rest of Middle East & Africa Laser Distance Sensor Market Breakdown by End user

11. LASER DISTANCE SENSOR MARKET INDUSTRY LANDSCAPE

11.1 Overview

11.2 Market Initiatives

12. COMPANY PROFILES

12.1 Sick AG

12.1.1 Key Facts

12.1.2 Business Description

12.1.3 Products and Services

12.1.4 Financial Overview

12.1.5 SWOT Analysis

12.1.6 Key Developments

12.2 ifm Electronic GmbH

12.2.1 Key Facts

12.2.2 Business Description

12.2.3 Products and Services

12.2.4 Financial Overview

12.2.5 SWOT Analysis

12.2.6 Key Developments

12.3 Baumer Holding AG

12.3.1 Key Facts

12.3.2 Business Description

12.3.3 Products and Services

12.3.4 Financial Overview

12.3.5 SWOT Analysis

12.3.6 Key Developments

12.4 Keyence Corp

12.4.1 Key Facts

12.4.2 Business Description

12.4.3 Products and Services

12.4.4 Financial Overview

12.4.5 SWOT Analysis

12.4.6 Key Developments

12.5 Leuze electronic GmbH & Co KG

12.5.1 Key Facts

12.5.2 Business Description

- 12.5.3 Products and Services
- 12.5.4 Financial Overview
- 12.5.5 SWOT Analysis
- 12.5.6 Key Developments
- 12.6 Jenoptik AG
 - 12.6.1 Key Facts
 - 12.6.2 Business Description
 - 12.6.3 Products and Services
 - 12.6.4 Financial Overview
 - 12.6.5 SWOT Analysis
 - 12.6.6 Key Developments

13. APPENDIX

- 13.1 About The Insight Partners
- 13.2 Word Index

List Of Tables

LIST OF TABLES

Table 1. Middle East & Africa Laser Distance Sensor Market Segmentation

Table 2. Middle East & Africa Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$ Million) - Distance

Table 3. Middle East & Africa Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$ Million) - Accuracy

Table 4. Middle East & Africa Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$ Million) - End user

Table 5. Middle East and Africa Laser Distance Sensor Market, by Country - Revenue and Forecast to 2030 (USD Million)

Table 6. South Africa Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$ Million) - By Distance

Table 7. South Africa Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$ Million) - By Accuracy

Table 8. South Africa Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$ Million) - By End user

Table 9. Saudi Arabia Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$ Million) - By Distance

Table 10. Saudi Arabia Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$ Million) - By Accuracy

Table 11. Saudi Arabia Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$ Million) - By End user

Table 12. UAE Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$ Million) - By Distance

Table 13. UAE Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$ Million) - By Accuracy

Table 14. UAE Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$ Million) - By End user

Table 15. Rest of Middle East & Africa Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$ Million) - By Distance

Table 16. Rest of Middle East & Africa Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$ Million) - By Accuracy

Table 17. Rest of Middle East & Africa Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$ Million) - By End user

Table 18. List of Abbreviation12. List of Figures

Figure 1. Middle East & Africa Laser Distance Sensor Market Segmentation, By Country

Figure 2. Ecosystem: Middle East & Africa Laser Distance Sensor Market

Figure 3. Middle East & Africa Laser Distance Sensor Market - Key Industry Dynamics

Figure 4. Impact Analysis of Drivers And Restraints

Figure 5. Middle East & Africa Laser Distance Sensor Market Revenue (US\$ Million), 2022 - 2030

Figure 6. Middle East & Africa Laser Distance Sensor Market Share (%) - Distance, 2022 and 2030

Figure 7. Between 2 and 10 Meters Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 8. Between 11 and 100 Meters Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 9. Between 101 and 200 Meters Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 10. Between 201 and 500 Meters Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 11. Middle East & Africa Laser Distance Sensor Market Share (%) - Accuracy, 2022 and 2030

Figure 12. 1mm at 2 Sigma Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 13. 3mm with 2 Sigma Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 14. 5mm at 2 Sigma Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 15. Middle East & Africa Laser Distance Sensor Market Share (%) - End user, 2022 and 2030

Figure 16. Manufacturing Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 17. Construction Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 18. Automotive and Robotics Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 19. Aerospace and Defence Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 20. Geospatial Industry Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 21. Others Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 22. Middle East & Africa Laser Distance Sensor Market- Revenue by Key Countries 2022 (US\$ Million)

Figure 23. Laser Distance Sensor Market Breakdown by Key Countries, 2022 and 2030 (%)

Figure 24. South Africa Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 25. Saudi Arabia Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$ Million)

Figure 26. UAE Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$

Million)

Figure 27. Rest of Middle East & Africa Laser Distance Sensor Market Revenue and Forecasts to 2030 (US\$ Million)

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