

Global Laser Displacement Sensor Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GAB37B7DE96CEN.html>

Date: February 2023

Pages: 121

Price: US\$ 4,480.00 (Single User License)

ID: GAB37B7DE96CEN

Abstracts

The global Laser Displacement Sensor market size is expected to reach \$ 2526.6 million by 2029, rising at a market growth of 7.6% CAGR during the forecast period (2023-2029).

Global key manufacturers of laser displacement sensor include KEYENCE, Panasonic and SICK, etc. The top three players hold a share about 60%. Japan is the largest producer, holds a share around 59%, followed by North America and Europe, both holding a share about 13 percent. The largest market is North America, has a share about 28%, followed by Europe and China, with around 26% and 18% market share respectively.

Laser displacement sensors also called laser distance sensors, are comprised of a light-emitting element and a position sensitive detector (PSD). A semiconductor laser is used as the light emitting element. A lens focuses the beam on the target. The target reflects the beam back through the lens where it is focused on the position-sensitive detector (PSD), forming a beam spot. The beam spot moves as the target moves. Displacement can be determined by detecting the movement of the beam spot.

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

This report is a detailed and comprehensive analysis of the world market for Laser Displacement Sensor, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Laser Displacement Sensor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Laser Displacement Sensor total production and demand, 2018-2029, (K Units)

Global Laser Displacement Sensor total production value, 2018-2029, (USD Million)

Global Laser Displacement Sensor production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Laser Displacement Sensor consumption by region & country, CAGR, 2018-2029 & (K Units)

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

Global Laser Displacement Sensor production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Laser Displacement Sensor production by Resolution, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Laser Displacement Sensor production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Laser Displacement 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 KEYENCE, Panasonic, SICK, COGNEX, OMRON, OPTEX, Turck, Banner Engineering and Micro-Epsilon, etc.

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

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

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (USD/Unit) by manufacturer, by Resolution, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Laser Displacement Sensor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Laser Displacement Sensor Market, Segmentation by Resolution

2 μ m and Below

3 ~ 10 μ m

11 ~ 50 μ m

51 ~ 100 μ m

101 ~ 500 μ m

Others

Global Laser Displacement Sensor Market, Segmentation by Application

Automotive Industry

Aerospace and Military Industry

Industrial Manufacturing

Electronics and Photovoltaic Industry

Others

Companies Profiled:

KEYENCE

Panasonic

SICK

COGNEX

OMRON

OPTEX

Turck

Banner Engineering

Micro-Epsilon

Baumer

Leuze

SENSOPART

ELAG

Pepperl&Fuchs

Balluff

Sunny Optical

Acuity

MTI Instruments (VITREK)

Key Questions Answered

1. How big is the global Laser Displacement Sensor market?
2. What is the demand of the global Laser Displacement Sensor market?
3. What is the year over year growth of the global Laser Displacement Sensor market?
4. What is the production and production value of the global Laser Displacement Sensor market?
5. Who are the key producers in the global Laser Displacement Sensor market?
6. What are the growth factors driving the market demand?

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