

# **COVID-19 Outbreak-Global Rail Wheel Sensors and Axle Counter Industry Market Report-Development Trends, Threats, Opportunities and Competitive Landscape in 2020**

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## **Abstracts**

An axle counter is a device on a railway that detects the passing of a train between two points on a track. A counting head (or 'detection point') is installed at each end of the section, and as each train axle passes the counting head at the start of the section, a counter increments. A detection point comprises two independent sensors, therefore the device can detect the direction and speed of a train by the order and time in which the sensors are passed. As the train passes a similar counting head at the end of the section, the counter compares count at the end of the section with that recorded at the beginning. If the two counts are the same, the section is presumed to be clear for a second train.

Wheel sensors are inductively acting sensors which detect the metal mass of the wheel flange and generate electrical impulses therefrom. Depending on the application a distinction is made between single wheel sensors for rolling stock detection and switching tasks as well as double wheel sensors for direction detection, axle counting and speed measurement.

The Rail Wheel Sensors and Axle Counter market revenue was xx.xx Million USD in 2019, and will reach xx.xx Million USD in 2025, with a CAGR of x.x% during 2020-2025.

Under COVID-19 outbreak globally, this report provides 360 degrees of analysis from supply chain, import and export control to regional government policy and future influence on the industry. Detailed analysis about market status (2015-2020), enterprise competition pattern, advantages and disadvantages of enterprise products, industry

development trends (2020-2025), regional industrial layout characteristics and macroeconomic policies, industrial policy has also been included. From raw materials to end users of this industry are analyzed scientifically, the trends of product circulation and sales channel will be presented as well. Considering COVID-19, this report provides comprehensive and in-depth analysis on how the epidemic push this industry transformation and reform.

In COVID-19 outbreak, Chapter 2.2 of this report provides an analysis of the impact of COVID-19 on the global economy and the Rail Wheel Sensors and Axle Counter industry.

Chapter 3.7 covers the analysis of the impact of COVID-19 from the perspective of the industry chain.

In addition, chapters 7-11 consider the impact of COVID-19 on the regional economy.

The Rail Wheel Sensors and Axle Counter market can be split based on product types, major applications, and important countries as follows:

Key players in the global Rail Wheel Sensors and Axle Counter market covered in Chapter 12:

Fersil  
Siemens  
Shenzhen Javs Technology  
Frauscher Sensor Technology  
Pintsch Tiefenbach  
Scheidt & Bachmann GmbH  
Honeywell  
Western-Cullen-Hayes Inc.  
Frauscher  
Altpro  
Anhui Landun Photoelectron  
Beijing Railtechcn Technology  
Argenia Railway Technologies Inc.  
Senchuan  
Bharat

In Chapter 4 and 14.1, on the basis of types, the Rail Wheel Sensors and Axle Counter

market from 2015 to 2025 is primarily split into:

Rail Wheel Sensors  
Axle Counter

In Chapter 5 and 14.2, on the basis of applications, the Rail Wheel Sensors and Axle Counter market from 2015 to 2025 covers:

Rail Transport Line  
Urban Rail Transit

Geographically, the detailed analysis of consumption, revenue, market share and growth rate, historic and forecast (2015-2025) of the following regions are covered in Chapter 6, 7, 8, 9, 10, 11, 14:

North America (Covered in Chapter 7 and 14)

United States

Canada

Mexico

Europe (Covered in Chapter 8 and 14)

Germany

UK

France

Italy

Spain

Russia

Others

Asia-Pacific (Covered in Chapter 9 and 14)

China

Japan

South Korea

Australia

India

Southeast Asia

Others

Middle East and Africa (Covered in Chapter 10 and 14)

Saudi Arabia

UAE

Egypt

Nigeria

South Africa

Others

South America (Covered in Chapter 11 and 14)

Brazil

Argentina

Columbia

Chile

Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

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