

# Global Collision Sensors Market by Manufacturers, Countries, Type and Application, Forecast to 2022

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## Abstracts

Robotic end-effector or device that can detect a crash before or during a collision of the robot or its tool. Also known as the "Protector", Collision Sensor sends a signal back to the robot controller before or during a collision to have the robot avoid or stop the collision. Robotic crash protection devices are Collision Sensors that detect the collision during the crash. A Collision Sensor is also known as a robot safety joint, robot overload protection device, crash protection device, quickstop (trademark of Applied Robotics), robot safety mount, robotic clutch, or robotic collision protector.

Scope of the Report:

This report focuses on the Collision Sensors in Global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Market Segment by Manufacturers, this report covers

ATI

Applied Robotics

Schunk

Destaco

IPR

RAD

AGI

Market Segment by Regions, regional analysis covers

North America (USA, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Columbia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Mechanical collision sensors

Pneumatic collision sensors

Combination Mechanical and Pneumatic collision sensors

Market Segment by Applications, can be divided into

Automotive

Electrical and Electronics

Machinery

Rubber, Plastics & Chemicals

Food & Beverage

## Others

There are 15 Chapters to deeply display the global Collision Sensors market.

Chapter 1, to describe Collision Sensors Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Collision Sensors, with sales, revenue, and price of Collision Sensors, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Collision Sensors, for each region, from 2012 to 2017;

Chapter 5, 6, 7, 8 and 9, to analyze the key regions, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2012 to 2017;

Chapter 12, Collision Sensors market forecast, by regions, type and application, with sales and revenue, from 2017 to 2022;

Chapter 13, 14 and 15, to describe Collision Sensors sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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