

Harsh Environment Connectors and Markets 2015

<https://marketpublishers.com/r/H3C7D802294EN.html>

Date: June 2015

Pages: 306

Price: US\$ 3,950.00 (Single User License)

ID: H3C7D802294EN

Abstracts

This four chapter, 306-page research report provides a qualitative and quantitative analysis of nine selected markets that use connectors designed for use in harsh environments.

The report contains data about harsh environment connector sales for the years 2013 through 2015F by end use equipment market segments, by product type and by region of the world.

A five-year forecast is provided for 2020.

Connectors designed for use in harsh environments come in a range of shapes and sizes and are subject to a variety of standards and norms depending on the type of application, the end-use equipment market, the region, etc. These applications typically include industrial 'factory floor' environments, but also railway and rolling stock, electrical power generation and distribution, machinery, mining, geophysical exploration, shipbuilding, offshore applications, and heavy construction and farming equipment. The military and aerospace markets, including civil aerospace, are other large markets for harsh environment connectors but are not covered in this report.

Contents

INTRODUCTION: HARSH ENVIRONMENT CONNECTORS AND MARKETS

Introduction

CHAPTER 1 – CONNECTOR DESIGN CHARACTERISTICS

Harsh Environment Connectors - Introduction
Harsh Environment Connector Design Characteristics
Application Specific Harsh Environment Connector Designs
Harsh Environment Connectors with Hermetic Seals
Contact Materials and Technology

CHAPTER 2 – COMPANY PROFILES

Amphenol
Sales
Products
Organization
ODU GmbH & Co. KG
Sales
Products
Organization
Phoenix Contact GmbH & Co
Sales
Products
Organization
HARTING Technology Group
Sales
Products
Organization
Xiamen Wain Electrical Co., Ltd
Sales
Products
Organization
Molex
Sales
Products

Organization

Smiths Interconnect

Sales

Products

Organization

TE Connectivity

Sales

Products

Organization

Weidmuller Holding AG & Co. KGaA

Sales

Products

Organization

I.L.M.E. SPA

Sales

Products

Organization

Wieland Electric GmbH

Sales

Products

Organization

Lapp Holding AG

Sales

Products

Organization

Walther-Werke

Sales

Products

Organization

Conec Elektronische Bauelemente GmbH

Sales

Products

Organization

Souriau- Esterline

Sales

Products

Organization

LEMO S.A.

Sales

Products
Organization
Fischer Connectors S.A.
Sales
Products
Organization
Glenair, Inc
Sales
Products
Organization
HUBER+SUHNER
Sales
Products
Organization
Multi-Contact
Sales
Products
Organization

CHAPTER 3 – MARKETS AND APPLICATIONS

Rail and Rolling Stock Market
Global Market Conditions
2015 Estimated Global Rail Equipment
Rail Sub-Segments and Manufacturers
Estimated Expenditure in Rail Industry by Segment
2014 Revenues by Leading Rail Equipment Manufacturers
Manufacturers of Rolling Stock Ranked by New Vehicles Revenue 2013
High Speed Rail (HSR) – Very High-Speed Rail (VHS)
Regional Rail Industry Trends and Applications
Europe
North America
China
Japan
Asia Pacific
ROW
Connectors Used in Rail Sector Applications
Circular Connectors
Heavy Duty Connectors

Power/High Voltage Connectors
Other Connectors
Component Certification
Leading Connector Manufacturers in Rail Applications
Global Rail Market for Connectors by Region 2013, 2014, 2015F and 2020F
Global Rail Market for Connectors by Connector Type 2013, 2014, 2015F and 2020F
Marine and Offshore Applications
Global Market Conditions
Projected Offshore Oil & Gas Investments in Offshore Exploration and Production
2013-2017
2013 Output in Total Ships Launched in mCGT by Region
2013 Global Ships Order Book by Region in mCGT
Marine and Offshore Sub-Segments and Manufacturers
Global Marine and Offshore Market by Segments
Marine and Offshore Production – Global Market Share by Region
Regional Marine Industry Trends and Applications
Europe
North America
2012 US Shipbuilding Industry Revenues by Product Type
China
Japan
World New Orders for Merchant Ships 2008-2014
Share of New Orders for Merchant Ships 2012-2014
Average Share of New Orders for Merchant Ships 2008-2014
Asia Pacific
ROW
Connectors Used in Marine and Offshore Applications
Market Trends
Marine and Offshore Applications
Connector Types
Component Certification
Leading Connector Manufacturers in Marine and Offshore Applications
Global Marine and Offshore Market for Connectors, 2013, 2014, 2015F and 2020F
Electrical Power and Smart Grid
Global Market Conditions
Electricity Use Per Capita (kWh) by Country 2011
Electricity Generation by Country by Region 2012
Classic Electricity Network and Supply Chain
Increased Electrification is a Driving Force across the Global Energy System

World Electricity Demand Forecast 2010-2035

The Integrated and Intelligent Electricity System of the Future (IEA)

Electrical Power and Smart Grid Sub-Segments and Manufacturers

Power Distribution Automation

Typical Distribution Automation System

Smart Metering

Regional Electrical Power and Smart Grid Industry Trends and Applications

Europe

North America

China

Japan

Asia Pacific

ROW

Connectors Used in Electrical Power and Smart Grid Applications

Component Certification

Leading Connector Manufacturers in Electrical Power and Smart Grid Applications

Global Electrical Power and Smart Grid Market for Connectors 2013, 2014, 2015F and 2020F

Geophysical Exploration and Mining Applications

Global Market Conditions

Value of Global Production by Metal – 2011

Top 20 Countries by Metals Mining Production Value 2012

Top 10 Countries by Coal Mining Production Value 2012

Geophysical Exploration and Mining Sub-Segments and Manufacturers

Regional Geophysical Exploration and Mining Trends and Applications

Connectors Used in Geophysical Exploration and Mining Applications

Component Certification

Global Geophysical Exploration & Mining Market by Region 2013, 2014, 2015F and 2020F

Global Geophysical Exploration & Mining Market by Connector Type 2013, 2014, 2015F and 2020F

Robotics Applications

Global Market Conditions

Global Sales of Industrial Robots 2006-2014

Worldwide Sales of Industrial Robots by Market Sector 2013

Robotics Sub-Segments and Manufacturers

Industrial Robot Manufacturers

Regional Robotics Trends and Applications

Worldwide Sales in Units of Industrial Robots by Region 2006-2014E

CAGR (%) in Units of Industrial Robots by Region 2006-2014E
Worldwide Sales Share of New Industrial Robots by Region 2014
Human-Machine Collaboration
Connectors Used in Robotic Applications
Connector Content Industrial Robots
Average Cost and Estimated Connector Content in US Dollars per Robot 2003-2014
Component Certification
Leading Connector Manufacturers in Robotics Applications
Global Robotics Market for Connectors 2013, 2014, 2015F and 2020F
Connectors Used in Industrial Robots by Region 2013, 2014, 2015F and 2020F
Connectors Used in Industrial Robots by Connector Type 2013, 2014, 2015F and 2020F
Factory Automation and Industrial Machinery
Global Market Conditions
Year-on-Year Industrial Production Growth by Region 2010-2014
Industrial Production Growth by Region 2014-2015
World Industrial Production 3 Months Average over Previous 3 Months 2006-2015
World Industrial Production 3 Months Average over Same 3 Months Previous Year 2010-2015
World Industrial Production 3 Months Average over Preceding 3 Months 2010-2015
Factory Automation and Machinery Sub-Segments and Manufacturers
Overview of Factory Automation and Process Control Equipment
Leading Manufacturers in the Factory Automation and Process Control Market
PLC Manufacturers Market Share 2007
Leading Machine Tools Manufacturers
Leading Semiconductor Equipment Manufacturers
Top 10 Worldwide Semiconductor Manufacturing Equipment Vendors by Revenue 2013
World Semiconductor Sales 2009-2015
Regional Factory Automation and Machinery Trends and Applications
Technology Trends
High Level Technology Trends
Machine Tools Outlook
Europe
German Machine Tools Production and Order Intake – Year-on-Year 2011-2014
North America
Japan
Japanese Monthly Machine Tools Order Intake – Year-on-Year 2012-2015
Breakdown of the Japanese Machinery Industry 2013
China

Machine Tool Consumption in China 2003-2013

Asia Pacific

South Korea

India

Taiwan

ROW

Brazil

Russia

Global Machine Tools Market

Global Machine Tools Production and Consumption 2015

Global Machine Building Market

Connectors Used in Factory Automation and Machinery Applications

Wireless Communication on the Factory Floor

Factory Automation Components and Their Connections

Input-Output

Identification

Drives and Motors

Motion Control Market Revenues by Region 2013

Control Units

Human-Machine Interface

Safety Components

Component Certification

Leading Connector Manufacturers in Factory Automation and Machinery

Factory Automation and Machinery Market for Connectors 2013, 2014, 2015F and 2020F

Connectors Used in Factory Automation and Machinery 2013 2014, 2015F and 2020F by Region

Connectors Used in Factory Automation & Machinery 2013 2014, 2015F and 2020F by Connector Type

Wind Energy Applications

Global Market Conditions

Global Installed Wind Power Capacity

Leading Countries by Annual Investment in Renewable Energy 2013

Leading Countries by Wind Power Capacity per Capita 2013

Outlook for Wind Energy

Estimated Renewable Energy Share of Global Electricity Production 2013 (REN21)

Wind Energy Sub-Segments and Manufacturers

Small Wind Energy Systems

Wind Farms

Top 10 Wind Turbine Manufacturers 2013/2014 Market Share

Regional Wind Energy Outlook

Europe

North America

China

Japan

Asia Pacific

ROW

Global Outlook

Annual Wind Market Forecast by Region 2014-2019 (GWEC)

Total Additional Wind Energy Capacity Forecast by Region 2014-2019

Connectors Used in Wind Energy Applications

Nacelle

Rotor Hub and Blades

Electrical Drive Train (Generator System)

Doubly Fed, Full Converter Concept

Yaw and Pitch Control Systems

Tower

Foundation Unit and Grid Connection Systems

Power Substation

Wind Turbine/Wind Farm Control Center

Component Certification

Leading Certification Organizations Worldwide

Leading Connector Manufacturers in Wind Energy Applications

Global Wind Energy Market for Connectors 2013, 2014, 2015F and 2020F

Connectors Used in Wind Energy Applications 2013 2014, 2015F and 202F by Region

Connectors Used in Wind Energy Applications 2013 2014, 2015F and 202F by

Connector Type

Nuclear Applications

Global Market Conditions

Nuclear Power Generated by Country/Region 2013

Nuclear Sub-Segments and Manufacturers

Regional Nuclear Industry Trends and Applications

Global Distribution of Nuclear Power Plants 2012

Europe

North America

China

Japan

Asia Pacific

ROW

Other Technology/Application Trends

Connectors Used in Nuclear Applications

Component Certification

Leading Connector Manufacturers in Nuclear Applications

Global Nuclear Market for Connectors 2013, 2014, 2015F and 2020F

Connectors Used in Nuclear Applications 2013, 2014, 2015F and 2020F by Region

Connectors Used in Nuclear Applications 2013, 2014, 2015F and 2020F by Connector Type

Construction, Agriculture and Civil Engineering Applications

Global Market Conditions

Construction, Agriculture and Civil Engineering Sub-Segments and Manufacturers

Water Treatment, Waste Treatment and Recycling

Water Treatment Plant Schematic

Airfields, Bridges and Tunnels

Earthmovers, Excavators and Cranes

Road Building Equipment

Agricultural Machinery and Equipment

Regional Construction, Agriculture and Civil Engineering Industries Trends and Applications

Agriculture

Tractor Sales (Units) by Region/Country 2013

Construction

Top Construction and Building Markets 2013

Connectors Used in Construction, Agriculture and Civil Engineering Applications

Component Certification

Explanation of Ingress Protection (IP) System

Leading Connector Manufacturers in Construction, Agriculture and Civil Engineering Applications

Global Construction, Agriculture & Civil Engineering Market for Connectors, 2013, 2014, 2015F and 2020F

Connectors Used in Construction, Agriculture & Civil Eng. App. 2013, 2014, 2015F & 2020F by Region

Connectors Used in Const., Agri. & Civil Eng. App. 2013, 2014, 2015F & 2020F by Connector Type

CHAPTER 4 – MARKET STATISTICS

World Market for Harsh Environment (HE) Connectors

World Market for Harsh Environment Connectors by Region 2015F
World Market for Harsh Environment Connectors by Region with 5-Year CAGR
World Market for Harsh Environment Connectors by Sector with 5-Year CAGR
World Market for Harsh Environment Connectors by Sector 2015F
World Market for HE Connectors by Region, 2013, 2014, 2015F and 2020F with 5-Year CAGR
World Market for HE Connectors by Sector 2013, 2014, 2015F and 2020F with 5-Year CAGR
World Market for HE Connectors by Application
Railway Applications
HE Connectors Used in Railway Applications 2013, 2014, 2015F and 2020F by Region with Percent Change & 5-Year CAGR
HE Connectors Used in Railway Applications 2013, 2014, 2015F and 2020F by Region with Percent Change & 5-Year CAGR
HE Connectors Used in Marine and Offshore Applications 2013, 2014, 2015F and 2020F by Region with Percent Change & 5-Year CAGR
HE Connectors Used in Marine and Offshore Applications 2013, 2014, 2015F and 2020F by Region with Percent Change & 5-Year CAGR
HE Connectors Used in Electrical Power and Smart Grid Applications 2013, 2014, 2015F and 2020F by Region with Percent Change & 5-Year CAGR
HE Connectors Used in Electrical Power and Smart Grid Applications 2013, 2014, 2015F and 2020F by Region with Percent Change & 5-Year CAGR
HE Connectors Used in Geophysical Exploration Applications 2013, 2014, 2015F and 2020F by Region with Percent Change & 5-Year CAGR
HE Connectors Used in Geophysical Exploration Applications 2013, 2014, 2015F and 2020F by Region with Percent Change & 5-Year CAGR
HE Connectors Used in Industrial Robotic Applications 2013, 2014, 2015F and 2020F by Region with Percent Change & 5-Year CAGR
HE Connectors Used in Industrial Robotic Applications 2013, 2014, 2015F and 2020F by Region with Percent Change & 5-Year CAGR
HE Connectors Used in Automation Applications 2013, 2014, 2015F and 2020F by Region with Percent Change & 5-Year CAGR
HE Connectors Used in Automation Applications 2013, 2014, 2015F and 2020F by Region with Percent Change & 5-Year CAGR
HE Connectors Used in Wind Energy Applications 2013, 2014, 2015F and 2020F by Region with Percent Change & 5-Year CAGR
HE Connectors Used in Wind Energy Applications 2013, 2014, 2015F and 2020F by Region with Percent Change & 5-Year CAGR

HE Connectors Used in Nuclear Energy Applications 2013, 2014, 2015F and 2020F by Region with Percent Change & 5-Year CAGR

HE Connectors Used in Nuclear Energy Applications 2013, 2014, 2015F and 2020F by Region with Percent Change & 5-Year CAGR

HE Connectors Used in Construction, Agriculture and Civil Engineering Applications 2013, 2014, 2015F and 2020F by Region with Percent Change & 5-Year CAGR

HE Connectors Used in Construction, Agriculture and Civil Engineering Applications 2013, 2014, 2015F and 2020F by Region with Percent Change & 5-Year CAGR

World Market for HE Connectors by Connector Type

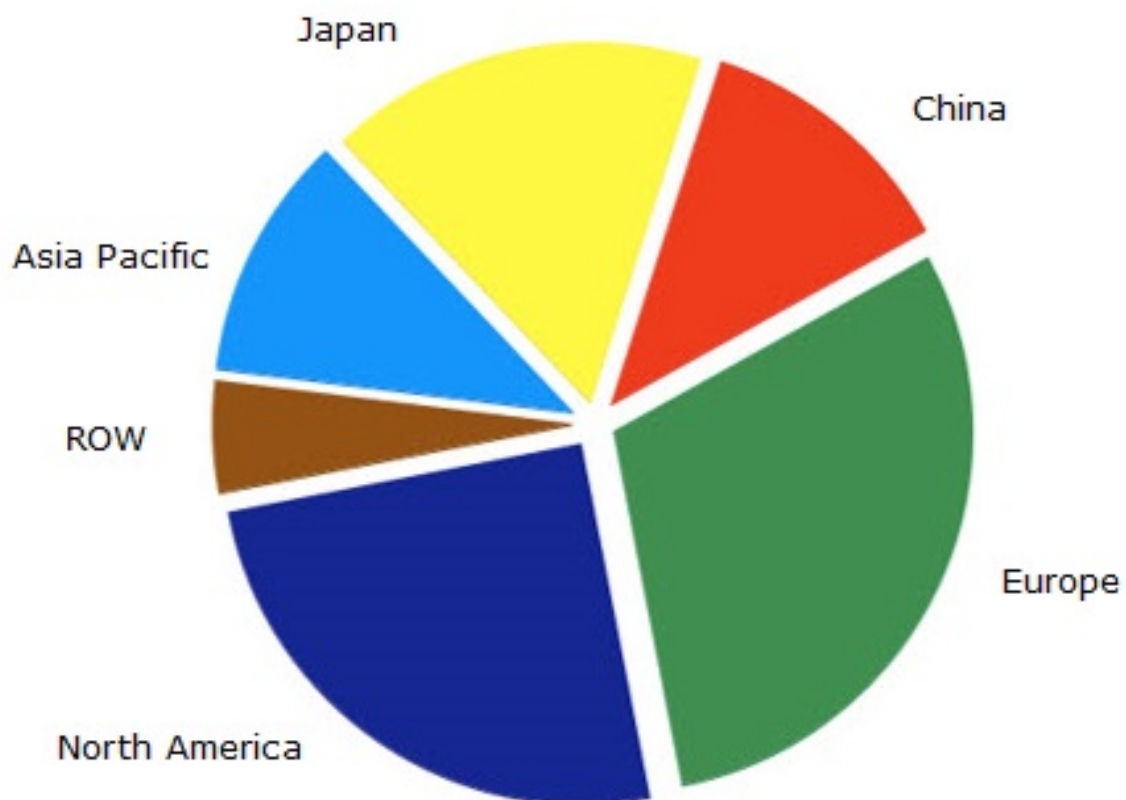
HE Connectors Used in Harsh Environment Applications by Connector Type 2013, 2014, 2015F and 2020F with Percent Change & 5-Year CAGR

World Market for Harsh Environment Connectors with 5-Year Growth Rates by Category 2015F through 2020F

World Market for Harsh Environment Connectors by Connector Type with 5-Year Growth Forecast 2015F through 2020F in Absolute Value

About

This four chapter, 306-page research report provides a qualitative and quantitative analysis of nine selected markets that use connectors designed for use in harsh environments. The report contains data about harsh environment connector sales for the years 2013 through 2015F by end use equipment market segments, by product type and by region of the world. A five-year forecast is provided for 2020.



Connectors designed for use in harsh environments come in a range of shapes and sizes and are subject to a variety of standards and norms depending on the type of application, the end-use equipment market, the region, etc. These applications typically include industrial “factory floor” environments, but also railway and rolling stock, electrical power generation and distribution, machinery, mining, geophysical exploration, shipbuilding, offshore applications, and heavy construction and farming equipment. The military and aerospace markets, including civil aerospace, are other large markets for harsh environment connectors but are not covered in this report.

The market sectors covered by this report include:

Railway and Rolling Stock

Marine & Offshore Applications

Power and Smart Grid

Geophysical Exploration

Robotics

Factory Automation

Wind Energy

Nuclear Energy

Construction, Agriculture and Civil Engineering

Chapter 1 explores connector design for harsh environment uses, and takes a closer look at the design and specifications required for reliable operation in harsh environments. Chapter 2 profiles twenty leading connector manufacturers engaged in the production and sale of harsh environment connectors. Chapter 3 explores the nine market sectors described above and dedicates a section to each sector. Chapter 4 provides a statistical overview of connector data by year, region and connector category.

I would like to order

Product name: Harsh Environment Connectors and Markets 2015

Product link: <https://marketpublishers.com/r/H3C7D802294EN.html>

Price: US\$ 3,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/H3C7D802294EN.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