

OpreX™Field Instruments

For Marine Industry



☑ SELECTION GUIDE



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•Corresponding ship class standards, accuracy, process temperature / pressure, materials, communication specifications, etc. differ depending on the model name, additional specifications, •ADMAG AXG / AXW: Some are special specifications, so please contact our sales office when ordering

Classification Society

An organization that recognizes that the hull, equipment, and engine of a ship are in good condition, and establishes rules for ship class registration and inspects them.

Ship Class Standard

A standard established by the ship classification associations of each country based on the unified requirements set by the International Association of Classification Societies (IACS). Products and materials used on ships must be inspected and approved by the classification

EU RO MR

A mutual recognition system that can be mounted on registered ship class among 12 classification societies if the certificate issued by 12 classification societies around the world is appropriate. We also use this certification system for some products.











Engine Room [Liquid / Gas]

Location of the Engine Control, Generator, Desulfurization Equipment, etc., **Known as the Power Source**



Cargo Tank [Liquid]

Tank that can Store Various Supplies

Robustness for Safe and Secure Operation

Fuel Pressure Measurement, Temperature Measurement

Pressure Transmitter DPharp EJX/EJA Series • High Accuracy, Long Term Stability

Temperature Transmitter YTA Series

• High Accuracy, Improved Visibility in the Field



Report on Fuel Consumption to Protect the Environment

Measurement of Fuel Consumption

Coriolis Mass Flowmeter ROTAMASS TI Series High Accuracy, Self Diagnostic Function



Quality that Can Be Thoroughly Managed

Temperature Control and Pressure Measurement Inside the Tank

Temperature Transmitter YTA Series

• High Accuracy, Improved Visibility in the Field

Pressure Transmitter DPharp EJX/EJA Series

• High Accuracy, Long Term Stability





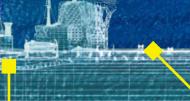




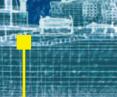


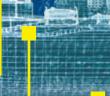


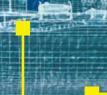


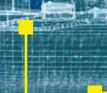


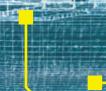


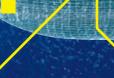












SOx Scrubber

[Liquid]

Equipment that Controls the SOx of the Exhaust Gas of a Ship

Air Pollution Control

Flow Rate Measurement of the Cleaning Seawater

Magnetic Flowmeter **ADMAG TI Series**

 Abundant Wetted Part Materials Self Diagnosis Function

Boiler Control





Measures Against Global Warming

Steam Flow Rate / High Temperature / High Pressure Measurement

Pressure Transmitter DPharp EJX / EJA Series • High Accuracy and Long-Term Stability

Vortex Flowmeter VY Series

High Temperature, High Pressure Resistance, Mass Flow Rate [Steam]

Ballast Water Treatment System



[Liquid]

System that Purifies Ballast Water Prevention of Cross-Border Movement of Marine species

Measurement of Inflow and Outflow

Magnetic Flowmeter

ADMAG TI Series

 Abundant Wetted Part Materials **Self Diagnosis Function**

Pressure Transmitter DPharp EJX / EJA Series High Accuracy and Long-Term Stability

Fuel Gas Supply System (FGSS)



[Liquid / Gas

LNG Fuel Supply System for Marine Main Engines that Supply LNG as Fuel Reduction of Environmental Impact through Advanced Process Control

Differential Pressure / Pressure Measurement on Engine Fuel Supply Process

Pressure Transmitter DPharp EJX / EJA Series

• High Accuracy and Long-Term Stability

Re-liquefaction System



[Liquid / Gas]

System that "Re-Liquefies" Boil-Off Gas Vaporized from Liquefied Natural Gas and Maintains the Liquefied State in the Storage Tank of a Ship Reducing the Environmental Load by Recycling Resources

Differential Pressure / Pressure Measurement for Re-Liquefaction Process Control

Pressure Transmitter DPharp EJX / EJA Series

• High Accuracy and Long-Term Stability

Simplified Selection

We support the selection of the most suitable model for the usage environment

Product Finder

Web support tool that allows you to select the model that suits your needs.

It is a tool that allows you to easily search for the desired product based on your application and conditions

Access Product Finder here

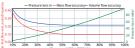


FlowConfigurator

Model selection software

By inputting information such as flow rate range and pressure range, you can select the most suitable model and check the pressure loss and accuracy before purchasing.







A device setting / adjustment tool with excellent operability and abundant functions. Active in various situations at the site.







General Specifications information of each model here

Yokogawa achieves operational excellence by providing products, services, and solutions based on the OpreX comprehensive brand that cover everything from business management to operations.

Yokogawa Electric Corporation **World Headquarters**

9-32, Nakacho 2-chome, Musashino-shi, Tokyo 180-8750, Japan http://www.yokogawa.com/

Yokogawa Corporation of America

12530 West Airport Blvd, Sugar Land, Texas 77478, USA http://www.yokogawa.com/us/

Yokogawa América do Sul Ltda.

Praça Acapulco, 31 - Santo Amaro, São Paulo/SP, Brazil, CEP-04675-190 http://www.yokogawa.com.br

Yokogawa Europe B. V.

Euroweg 2, 3825 HD Amersfoort, The Netherlands http://www.yokogawa.com/eu/

Yokogawa Electric CIS Ltd.

Grokholsky per 13 Building 2, 4th Floor 129090, Moscow, Russia http://www.yokogawa.ru

Yokogawa Middle East & Africa B. S. C. (c)

Building 577, Road 2516, Busaiteen 225, Muharraq, Bahrain http://www.yokogawa.com/bh/

Yokogawa India Ltd.

Plot No.96, Electronic City Complex, Hosur Road, Bangalore - 560 100, India https://www.yokogawa.com/in/

Yokogawa China Co., Ltd.

3F TowerD Cartelo Crocodile Building, No.568 West Tianshan Road, Shanghai 200335, China http://www.yokogawa.com/cn/

Yokogawa Engineering Asia Pte. Ltd.

5 Bedok South Road, Singapore 469270, Singapore http://www.yokogawa.com/sg/

Yokogawa Electric Korea Co., Ltd.

(Yokogawa B/D, Yangpyeong-dong 4-Ga), 21, Seonyu-ro 45-gil, Yeongdeungpo-gu, Seoul, 07209, Korea http://www.yokogawa.com/kr/

Yokogawa Solution Service Corporation

9-32, Nakacho 2-chome, Musashino-shi, Tokyo 180-8750, Japan http://www.yokogawa.com/yjp/

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