



## **Overview Catalogue**



<http://www.iii.net.au>



## Having Trouble Choosing?

If what you're looking for isn't here or you need help choosing the right item for your application, please get in touch - we are here to make your decision as easy and informed as possible.

# Temperature Measurement

Sensors, Gauges, Switches and Signal Equipment



Thermocouple and RTD Sensors

*Coiled MIMS Sensor from Temperature Controls*



Temperature Gauges

*Tec-Site Adjustable Temperature Gauges*



Infrared Temperature Detection

*Raytek Fixed Pyrometer*



Thermal Imagers

*Fluke TI-Series Thermal Imaging Cameras*

**Temperature °Controls**





Indicators and Alarm Units

*Nokeval 311 Field Indicator and Converter*



Temperature & Process Controllers

*Yokogawa UT32A Controllers*



Recorders & Loggers

*Brainchild VR18 Paperless Recorder*



Signal Converters

*PR Electronics In-Head Converters*



Switches & Thermostats

*Trafag Ministat Series*

# Pressure Measurement

Gauges, Switches, Transducers, and Transmitters



Pressure Gauges

*Stainless Industrial Gauges from WIKA*



Mechanical Pressure Switches

*United Electric J400 Mechanical Pressure Switches*



Electronic Pressure Switches

*SMC ISE Pressure Switch for Compressed Air*



Pressure Transducers

*GEMS Sanitary Pressure Transducer*



**ECE** Fast





## PRODUCT FOCUS

### Yokogawa EJX Series

The EJX series of pressure transmitters offers outstanding accuracy, reliability and flexibility for any pressure measurement application.

These transmitters are not just physically tough - they have a large number of configuration options that allows you to scale and set up your transmitter to fit your process.

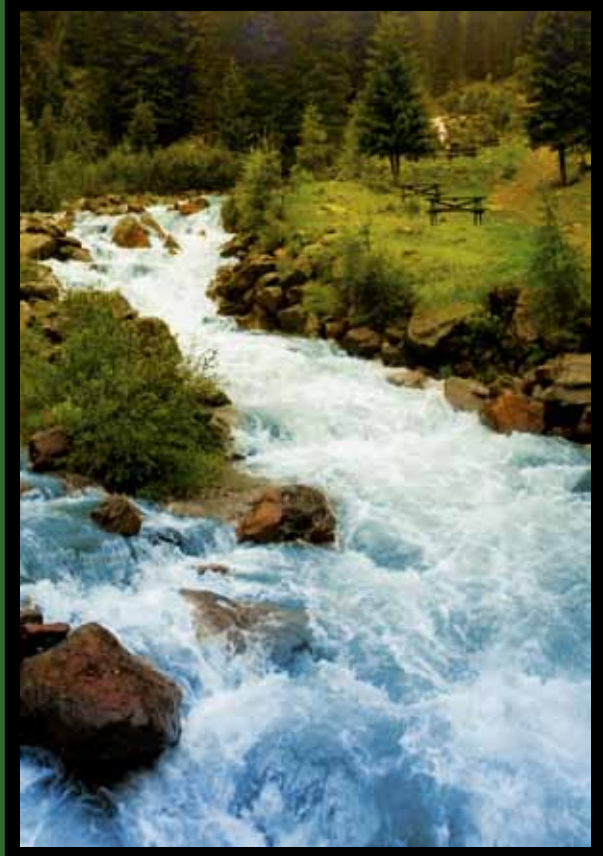
With a variety of styles and ranges available, these units represent the ultimate in pressure measurement technology and are kept in stock in our store.

YOKOGAWA



# Flow Measurement

A wide range of flowmeters to suit all kinds of applications



Magnetic Flowmeters

*Yokogawa AXF Integral Magnetic Flowmeter*



Variable Area Flowmeters

*Kytola VEK Tube-Style Variable Area Flowmeter*

# YOKOGAWA



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Paddle Flow Switch

*GEMS FS-550 Flow Switch*



Vortex Flowmeters

*Yokogawa DY Vortex Flowmeters*



Paddle-Wheel Flowmeters

*Trimec DualPulse Insertion Paddle-Wheel Meter*



Averaging Pitot Tubes

*Verabar Averaging Pitot Tube & DP Transmitter*



Coriolis Flowmeters

*Yokogawa RotaMASS Coriolis Flowmeters*



Ultrasonic Flowmeters

*Yokogawa US300PM Portable Ultrasonic Flowmeter*



# Level Measurement

A variety of technologies for different applications.



Vibrating Fork Level Switches

*Pepperl+Fuchs LVL Series*



Float Level Switches

*Pepperl+Fuchs LFL Series*



Side-Mount Float Switches

*BESTA Trimod Level Switch*



Rotary Paddle Switches

*TCSE Rotary Paddle Level Switch*



# PEPPERL+FUCHS



Guided Float Level Sensors

*Also Available As Switches*



Ultrasonic Level Sensors

*VEGASON 61 Ultrasonic Level Sensor*



Radar Level Sensors

*VEGAPULS radar level and distance transmitter*



Hydrostatic Drop-In Level Sensors

*VEGAWELL 52 Submersible With Weight*



Hydrostatic Side-Mount Level Sensors

*Yokogawa EJX110 Series DP Transmitters*

# VEGA



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**Temperature °Controls**

# Air Equipment

A wide range of pneumatic equipment



Push-Fit Tube Fittings

*SMC KQ2 Series Plated Brass Fittings*



Air Tubing

*SMC Nylon Tube in Red, Orange and Blue*



Air Preparation Equipment

*An AC Series FRL from SMC*



Valves for All Media

*SMC VX Series Water, Oil and Gas 2 Port Solenoid Valves*



## PRODUCT FOCUS

### SMC Pneumatic & Electric Cylinders

SMC not only produces all of the equipment to prepare and control your air system, they produce a wide variety of actuators for all industrial force and motion applications.

As well as maintaining a large stock of the most common sizes of linear and rotary cylinders, they can custom make most models of cylinder to your exact requirements in 2-3 business days.

For those applications where you don't have air available but still need force and movement, SMC have a range of electric cylinders available.



# Position Measurement

Measuring distances and positions using both contact and non-contact methods



Mechanical Limit Switches

*SMC VM830 Mechanical Pneumatic Valve*



Non-Contact Proximity Switches

*Pepperl+Fuchs Inductive, Capacitive & Magnetic Switches*



Optical Distance Sensors

*Pepperl+Fuchs Optical Proximity Switch*



Rotary Encoders

*Pepperl+Fuchs Safety Rotary Encoders*



# PEPPERL+FUCHS





Linear Displacement Transducers

*Gefran Range of Linear Transducers*



Absolute Position Encoding

*Pepperl+Fuchs WCS Range*



Ultrasonic Distance Sensors

*Pepperl+Fuchs UC & UB Range*



Laser Distance Sensors

*Micro-Epsilon optoNCDT Series*



Radar Distance Sensors

*VEGAPULS Radar Distance Transmitter*



# Signal Equipment

Transfer your signals safely through your process

Intrinsically Safe Barriers are used to protect equipment that is installed in a hazardous location - a place where there is gas or dust that could cause a major explosion if a spark should occur

Multiplexers take a number of signals in and are able to perform complex math or logic operations on them.



Programmable Signal Converters

*Weidmüller WAVE TTA*



Intrinsically Safe Barriers

*Pepperl+Fuchs KCD Series*



Signal Isolators

*Weidmüller MAS DC/DC Select*



Signal Multiplexers and Remote IO

*Nokeval RMD680 Signal Multiplexer*

**Weidmüller**



**PEPPERL+FUCHS**

Sensors to track environmental and media conditions

We can help with almost any kind of process or analytical measurement.

If you would like to monitor the pH of a liquid, the density of a solid, the colour of your product or the weight of your boxes, we have a sensor and a solution for you.



Humidity Transmitters

*EE33 Remote Sensor Temp. And Humidity Transmitter*



pH / ORP / Redox / DO

*Yokogawa FLEXA Liquid Analytical Transmitter*



Gas Detectors

*EE80 Wall-Mount CO2 Sensor*



Gas Analysers

*Yokogawa TDLS200 Tunable Diode Laser Analyser*



**ECE** *Fast*

# YOKOGAWA



# And that is only the beginning....

Remember that this is just a quick preview of the products we can offer - there is much, much more that we can offer.

If you need to measure any part of your process or need to get your signals from one place to another, let us know. We offer solutions for density, distance, flow, pressure, presence, power, sound, speed, slippage, temperature, thickness, vibration, viscosity, weight and more.

If you haven't seen a particular brand or type of sensor here, please don't hesitate to contact us.



*If you have an application and you would like to find the right parts at the right price, get in touch with our sales team.*

**We offer more than just hardware - we offer engineering, technical services, procurement, installation and maintenance services.**

**We are a one-stop-shop where you can get all of the help you need for your process, from initial design to occasional maintenance.**

**If you have an application and would like help at any stage, please call us.**



- CONCEPT**  
Technical Services
- DESIGN**  
Technical Services
- ENGINEERING**  
Technical Services
- PROCUREMENT**  
Sales
- INSTALLATION**  
Installation
- COMMISSIONING**  
Install & Tech Services
- MAINTENANCE**  
Maintenance

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