

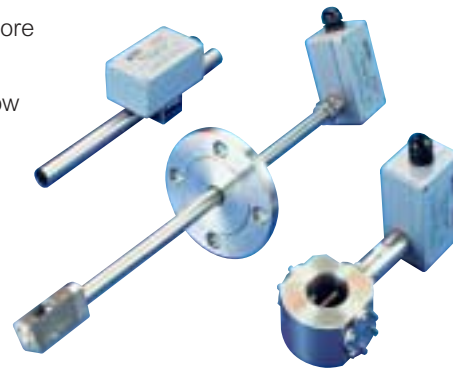
Products Overview

Flow measurement

Delta Controls range of vortex shedding flow transmitters feature compact designs with no moving parts, offering high accuracy with exceptional reliability and repeatability. Customers benefit from an aftermarket recalibration service to minimise long-term cost of ownership.

In the Process industry, Delta Control flow transmitters are specified for air and gas flow measurement applications. They are commonly utilised in the water, nuclear power and defence industries, where both high accuracy and reliability are expected.

In the Automotive industry, Delta's flow transmitters are specified for engine test bed facilities by engine manufacturers and lubricating oil developers. Engine wear and performance is evaluated by accurately measuring "blow-by" gas. More accurate than traditional measuring methods such as rotameters, Delta's flow transmitters offer a compact, high accuracy and cost effective solution.



Instrumentation expertise

Whether your requirement is for a new project, plant refurbishment, instrumentation upgrade or a scheduled maintenance programme, Delta Controls is dedicated to providing 'cradle to grave' support to end users, contractors, OEMs and package vendors across the process industry.

Delta Controls has many years experience of providing low risk measurement and control solutions for custom and standard applications in the process industry, including: oil and gas, petrochemical, water and wastewater, pharmaceutical, food and beverage, pulp and paper, chemical and power generation.

At Delta Controls you can talk to experts in instrumentation with applications experience – product specialists who speak your language. We listen to our customers and work with them to establish the optimum solution to technical challenges. All enquiries are dealt with efficiently and in confidence.



In-house design engineering and manufacturing skills take advantage of modern technologies and exotic materials to create innovative products that can be used anywhere in the world.

About Delta Controls

Delta Controls has built a global reputation over 50 years for expertise in the design and manufacture of reliable, high quality instrumentation and complementary alarm products for the process industry. We offer both customised and standard solutions for process monitoring, alarm and shutdown applications, backed by local support from a worldwide network of carefully selected, professional and fully trained representatives.

Quality is a cornerstone of the company's success. This is recognised by industry and international approvals, covering every aspect of Delta Controls' manufacturing, test and product portfolio.

Delta Controls is totally committed to delivering the best possible customer service and technical support, providing long term security and minimising lifetime cost of ownership – for one-off engineering specials through to large volume standard requirements.

Service and Support

To add value for each customer, a flexible and responsive approach to meeting individual instrumentation requirements has been put in place. Delta Controls' support infrastructure includes:

- Technical advice
- Recalibration
- Spare parts
- Instrumentation repairs
- Tailored accessory packages
- Installation support
- Operations and maintenance assistance
- Comprehensive documentation
- Extended warranty support
- Local support



Customers benefit from a worldwide network of professional, fully supported and trained Sales Representatives and Appointed Resellers.



Your trusted partner in process instrumentation



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Process monitoring, alarm and shutdown applications

World class technical solutions – proven technology – meeting international standards

Pressure switches

Delta Controls is a leader in the design and manufacture of robust, reliable and competitively priced compact, industrial and high performance switches – internationally approved for use in hazardous areas for safety alarm and shutdown applications.

Utilising simple design principles and high quality engineering, more than one million different temperature, pressure, differential pressure and flow switches have been supplied to customers worldwide over the past 50 years.

Customers can depend upon the technical expertise and applications knowledge of Delta engineers to understand their requirement and recommend cost effective, practical switching solutions.

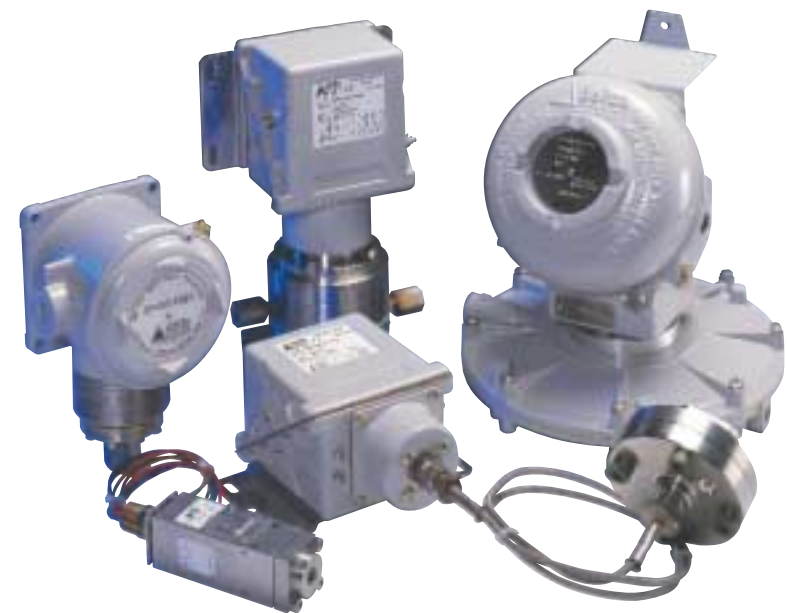
Based on proven technology, switch products can operate at high and low pressures and are designed to satisfy site classification and all significant industry approvals. Delta Controls has built a specialist reputation for providing fully documented, customised switches for complex applications in hostile and demanding environments.

Delta Controls offers a range of high specification but aggressively priced switches to serve the larger quantity demands of the OEM market. The Volume range pressure switch is manufactured as standard in stainless steel with weatherproof specification, a flameproof option is also available.

Wiring is made easy with an easily accessible and integral terminal block, allowing simple and cost effective field installation.

The Volume range is ideally suited to a broad range of applications including;

- Rotating machinery
- Pumping sets
- Fire protection systems
- Safety shutdown systems
- Valve actuation
- Boiler systems



Instrument gauges

Utilising its vast experience of providing high quality instrumentation solutions to the worldwide process industry, Delta Controls has launched a comprehensive range of instrument gauges.

These gauges are produced to the usual high specification and quality that process plant operators, engineering contractors and OEM customers demand and expect from Delta Controls.

By carefully selecting worldwide suppliers that produce to the high quality demanded by Delta, customers can now specify gauges to complement Delta's comprehensive range of pressure process instrumentation.



Pressure transmitters

Delta Controls analogue and digital pressure transmitters are repeatedly specified because of their compact size, rugged design and high standard specification. Delta's pressure transmitter range includes absolute, differential and gauge designs, with analogue or digital outputs. High pressure and best in class accuracy can satisfy even the most demanding pressure applications over a wide temperature range.

Proven performance and reliability means that Delta's pressure transmitters are specified for a wide range of arduous applications and challenging operating conditions ranging from wellhead control to offshore hydraulic power systems. For bespoke requirements, Delta Controls offers a responsive service to satisfy individual requirements for small and medium volumes.



Alarm annunciators

Delta Controls developed the PCA 5000 to meet the demands of process plant operators, panel builders and systems integrators throughout the world. Each annunciator is built to the final customer's exact specification and is the simplest on the market to install and configure. The readily accessible terminals and innovative programming system of the PCA 5000 minimise commissioning time and installation costs.

The PCA 5000 features individual alarm modules that operate completely independently, providing both reliable alarming and added redundancy

protection, giving peace of mind even in the event of serious plant shutdown. Delta Controls offers an unrivalled 10 year warranty, and the PCA 5000 configuration is compliant with ANSI/ISA sequencing specifications. The PCA 5000 also features an innovative electronic key to prevent operator tampering following field installation.

Wherever the final installation may be, Delta Controls have a UK and international network to assist with product selection and installation. The modular design of the PCA 5000 enables prompt manufacture and supply to suit customer requirements.



Temperature solutions

Delta Controls offer a comprehensive range of quality assured temperature measurement devices that meet the highest recognised standards across many industries including food, pharmaceutical, oil and gas storage and power generation. Every product is designed and manufactured to offer a combination of maximum performance and minimal maintenance.

Rugged, reliable and accurate, the temperature range includes:

- temperature switches
- analogue and digital transmitters
- sensors
- thermopockets
- thermocouples and thermowells
- RTDs
- indicators

Distributed by Delta Controls in the UK, INOR analogue, programmable and protocol enabled transmitters are available ex stock.

Tank gauging

Delta Controls stainless steel, spot and averaging temperature measurement probes are matched to each customer's system. Options include high temperature performance and a competitively priced water-bottom sensor with analogue or Hart output.

Hygienic applications

Delta's hygienic RTD features a removable insert that enables simple maintenance without disturbing the process line connection. The Delta RTD exceeds both the surface finish specification and accuracy demanded for applications in Food & Beverage and Pharmaceutical industries.

Tailored solutions

Using its extensive in-house design and engineering facilities, Delta Controls temperature experts can customise standard products swiftly to meet individual technical requirements.

