BOISWOOD

GAS AND LIQUID CONTROL TECHNOLOGIES

Pressure & Vacuum

Flow

Level & Temperature

Tube & Fittings

HVAC/R

Custom Services

Pressure Transducers

Stock Listing and Enquiry Guide

WE'RE KNOWN FOR SELLING SOLUTIONS

Our journey started in 1989, when Boiswood was founded. As our knowledge and expertise grew, so did our vast range of products and services, and today, we are one of the country's most well respected and trusted suppliers of gas and liquid control technologies.

We are partnered with several high-quality, globally reputable manufacturers with a distinct range of products and services that offer unique features and benefits to EPC's, System Integrators, OEM's and End Users....our customers.

Our whole business culture centres around our genuine commitment to hands-on service and support, whenever and wherever this is required. We offer unparalleled advice and support, and our 'one stop shop' approach removes all the headache and hassle from our customers, ensuring you always get what you need on-time, on-budget and the perfect fit for your application.

We have over 30 years of successful experience in an extensive range of applications and processes within the markets we serve. Our visionary, technically astute and customer focused approach ensures we consistently add value. Working closely with our customers and supply partners ensures we stay up to date with the latest technologies, using our insight to facilitate the niche and specialist markets we serve.

You can rely on us to specify, supply and support all your gas and liquid control needs.

Our Markets:

Automotive & Aerospace

Chemical & Petrochemical

Cryogenics

Food & Beverage

HVAC/R

Marine & Defence

Medical & Pharmaceutical

Nuclear

Oil & Gas

Power & Utilities

Renewable Energy

Semiconductor

Our Mission & Values:

Our mission is to be the best supplier in the right first time specification, supply and support of gas and liquid control products, supported by a team who are customer driven, technically astute, and always of the highest integrity.

Our continued success is built on our own company core values of Continuous Improvement, Customer Focus, Integrity, and Respect.

30 BOISWOOD GAS AND LIQUID CONTROL TECHNOLOGIES 1989 - 2019 YEARS

CERTIFIED ISO 9001:2015 COMPANY

INVESTORS IN PEOPLE

Our Customers:

AIR PRODUCTS
P&O FERRIES
MICHELL Instruments
CERULEAN
EDWARDS
SAFC Hitech
SIEMENS
intel
GE Sensing
WÄRTSILÄ
EMERSON Network Power
diamond
Science & Technology Facilities Council
TOTAL
Swagelok
THALES
TPG Maritime
Cambridge Fluid Systems
smiths detection
AESSEAL

Stock Configurator

3X00 Series Pressure Transmitters

For OEMs that need consistent high levels of performance, reliability and stability the 3X00 Series sputtered thin film units offer unbeatable price/ performance ratio in a small package size. They feature all-stainless steel wetted parts, a broad selection of electrical and pressure connections, and a wide choice of electrical outputs to allow stock configurations suitable for most applications without modification.

3X00 - ___ - ___ - ___ - ___ - ___ - ___

Model

3500 Low Pressure (<10 BAR)
3100 Medium Pressure (<100 BAR)
3200 High Pressure (>100 BAR)

Output

B 4 to 20 mA
S 0 to 10 V

Pressure Range

01B5V -1 to +1.5 BARG
0010G 0 to 10 BARG
0025G 0 to 25 BARG
0060G 0 to 60 BARG
0100G 0 to 100 BARG
0250S 0 to 250 BARS
0400S 0 to 400 BARS

Pressure Port

01 G1/4" External
02 1/4" NPT External (with adapter)
05 G1/4" Soft Seal (3200 only)

Electrical Connection

B Industrial DIN 9.4mm
E M12 x 1P (4-PIN)

Restrictor

0 No Restrictor
1 With Restrictor (3200 only)

Cable

00 None

Industrial Selection Guide

Model	3100/3200	3500	2200/2600	4000	5000	6700
Description	Compact OEM Pressure Transducers	Compact OEM Low Pressure Transducers	General Purpose Pressure Transducers	High Performance Pressure Transducers	Low Pressure Transducer	High Stability Pressure Transducer
Sample Applications	OEM Applications, Hydraulics,					
Key Features	Cost Effective High Proof Pressures Broad Choice of Configurations RoHS Complaint	Cost Effective Low Pressure Ranges Broad Choice of Configurations High Reliability and Stability	Submersible & Wash Down Enclosures High Stability CVD Sensing Element Broad Choice of Configurations	Long Term Stability Sputtered Thin Film Sensing Element Submersible, High Temp and Weather Proof Versions	High Proof Pressures Robust Case Construction Submersible and General Purpose Versions	High Stability Sputtered Thin Film Sensing Element Submersible and Wash Down Enclosures
Pressure Type	Gauge and Sealed	Gauge, Absolute and Compound	Gauge, Absolute, Compound and Vacuum	Gauge, Absolute, Sealed and Differential	Gauge	Gauge and Absolute
Pressure Ranges (Showing Min/Max Ranges)	100 to 25,000 PSI 7 to 1,600 BAR	-15 to 600 PSI -1 to +40 BAR	-15 to +6,000 PSI -1 to +400 BAR	0 to 10,000 PSI 0 to 690 BAR	10 to 415" WC 25 to 1,000 mBAR 0.36 to 15 PSI	0 to 6,000 PSI 0 to 400 BAR
Accuracy	0.25% FS	0.25% FS	0.25% FS 0.15% FS	0.10% 0.08%	0.25% FS	0.15% FS
Operating Temperature Range	-40 to +125°C	-40 to +125°C	-40 to +125°C (Termination Dependant)	-54 to +135°C (Termination Dependant)	-40 to +100°C (Termination Dependant)	-30 to +100°C (Termination Dependant)
Output	4 – 20 mA 0 to 5 V 0 to 10 V 1 – 6 V 1 – 5 V 0.5 – 4.5 V (Ratiometric)	4 – 20 mA 0 to 5 V 0 to 10 V 1 – 6 V 1 – 5 V 0.5 – 4.5 V (Ratiometric)	100 mV 4 – 20 mA 0 to 5 V 0 to 10 V 1 – 6 V 1 – 5 V 0.5 – 5.5 V 0.2 – 10.2 V 0.1 – 5.1 V	30 mV	4 – 20 mA 0 to 5 V 1 – 6 V 1 – 5 V 0.1 – 5.1 V 0.5 – 5.5 V	4 – 20 mA (Undamped)
Electrical Terminations	Industrial DIN 9.4mm M12 x 1P (4-PIN) Cable Version Large DIN (43650A) ½" NPT Male Conduit Amp Superseal 1.5 Deutsch DT04-4P Packard MetriPack	Industrial DIN 9.4mm M12 x 1P (4-PIN) Large DIN (43650A) Industrial DIN Deutsch DT04-4P Packard MetriPack	4-PIN Micro DIN NEMA 4 Cable European Cable IP67 Cable Large DIN (43650) Imersible Cable IP68 ½" Conduit	10-6 Bayonet Plug IP66 Cable Immersible Cable IP68	Large DIN (43650) M12 x 1 (5-PIN) Immersible Cable IP68 ½" Conduit	10-6 Bayonet Plug Imersible Cable IP68 Large DIN (43650) M12 x 1 (5-PIN) ½" Conduit
Pressure Fittings	G1/4" External ¼" Male NPT 1/8" Male NPT 7/16" External (SAE) M14 x 1.5 Schrader SAE #4	G1/4" External ¼" Male NPT 1/8" Male NPT 7/16" External (SAE) M12 x 1.5 (6G) G1/8" External	G1/4" External ¼" Male NPT 1/8" Male NPT ½" Male NPT 7/16" External (SAE) Sink Weight Cone	G1/4" Internal G1/4" External ¼" Male NPT ½" Male NPT 7/16" External (UNJF) Sink Weight Cone	G1/4" External G1/4" Internal ¼" Male NPT KF25 Flange Sink Weight Cone 7/16" External (UNF)	G1/4" External G1/4" Internal ¼" Male NPT ½" Male NPT 7/16" External (UNF) Sink Weight Cone
Wetted Materials	17-4 PH SS	316L Stainless Steel	17-4 PH Stainless Steel	17-4 PH / 15-7 Mo SS Inconel®	318 Duplex SS	17-4 PH / 15-7 Mo SS
Other Configurations	With Restrictor Cal Certificates Oxygen Cleaning ATEX Available	With Restrictor Cal Certificates Oxygen Cleaning	Cal Certificates Oxygen Cleaning ATEX Available	Low Thermal Error Hastelloy Case for Seawater	Specific Calibration ATEX Available	ATEX Available Lloyds Register mBAR Range

Value Added Services

In-House Service Centre
We can offer manufacturer certified in-house evaluation, repair, testing, servicing and assembly of our products from within our Boiswood HQ.

Local Technical Support
We offer a technical helpline from our HQ as well as having a “man on the ground” for on-site support whenever and wherever this is required.

Fast Turnaround
Our local stocks allow us to quickly respond to requirements. We hold a vast range of products in stock so that they’re always readily available.

Training Services
We provide a range of educational classes and training seminars that can be delivered from Boiswood HQ or on-site.

Design Services
Over the years we have been involved in many bespoke product designs and system build solutions for our customer base.

Response Times
We endeavour to provide all our customers with unrivalled service with quick responses to both technical and commercial queries.

Boiswood 1989 - 2019 30 YEARS

CERTIFIED ISO 9001:2015 COMPANY

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Custom Solutions

Assembly & Testing
Our stocks allow us to assemble and test a variety of pressure regulators on a next-day delivery services.

Service & Repair
We can offer manufacturer certified service, repair and certification for our range of pressure regulators.

Subassembly
We can take special requests for component subassembly and control panel design solutions according to your requirements.

Pressure Regulators and Valve Selection Seminar

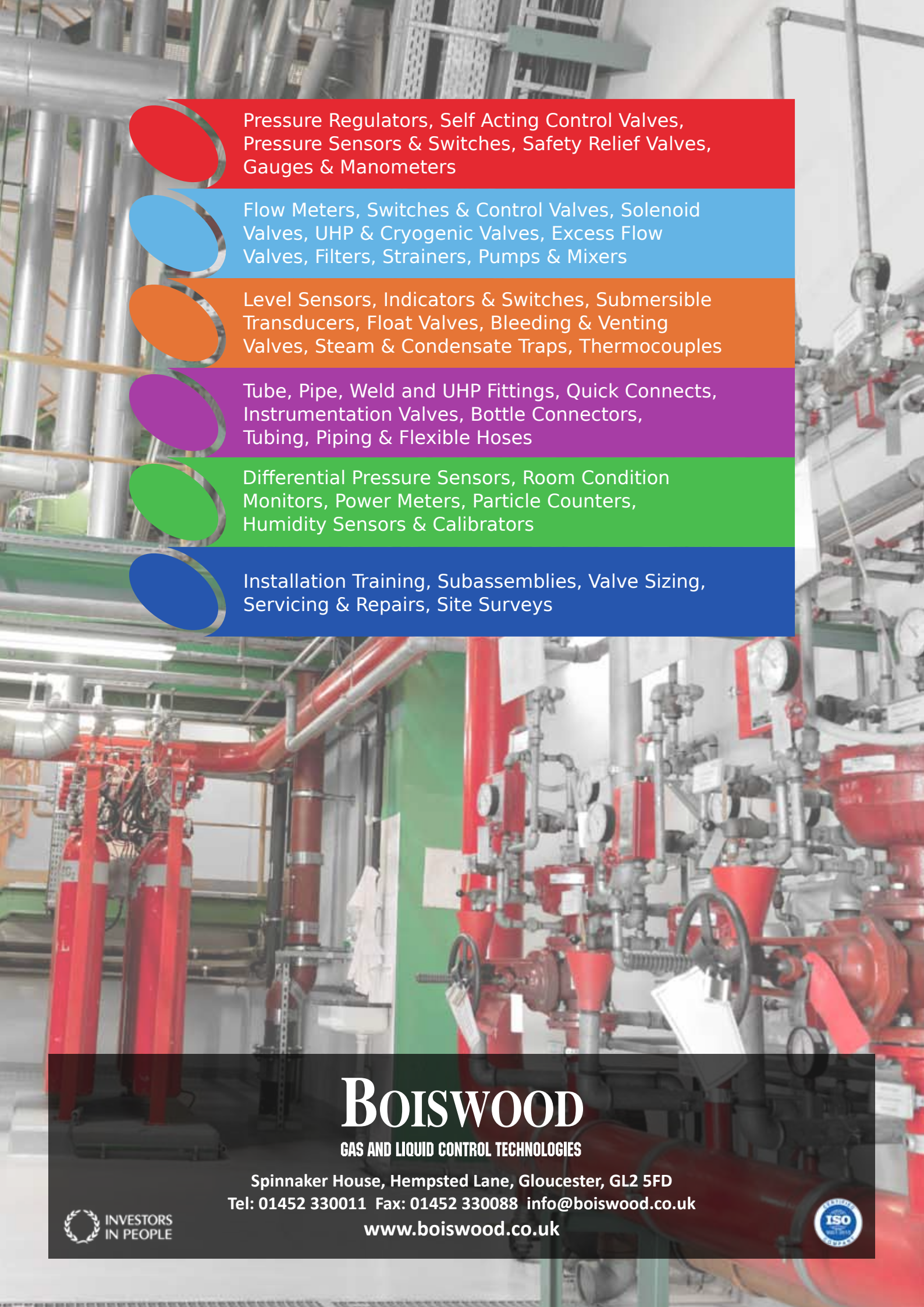
Selecting the correct pressure regulators and instrumentation valves to suit your needs can be a complex exercise with several factors to consider. Our seminar has been developed to help you understand more about our products and during this you will learn more about:

- The basic functions of pressure regulators and valves
- Analysis of different models and types
- How to correctly size and specify units
- Identifying problems and ways to rectify performance issues
- Build and repair training exercises

Tube Fittings Safe Installation Course

This challenging course will explore the many benefits of our tube fittings range and focuses on each aspect needed to achieve right-first-time installations. You will typically learn more about:

- How the Tube Fitting works
- Hands-on Tube Fitting Installation Exercises
- Typical Health & Safety Considerations
- How to Avoid Installation Problems
- Selection and Correct Handling of Tubing
- Tube Burst and Bending Exercises (Practical and Theoretical Examinations)



Pressure Regulators, Self Acting Control Valves, Pressure Sensors & Switches, Safety Relief Valves, Gauges & Manometers

Flow Meters, Switches & Control Valves, Solenoid Valves, UHP & Cryogenic Valves, Excess Flow Valves, Filters, Strainers, Pumps & Mixers

Level Sensors, Indicators & Switches, Submersible Transducers, Float Valves, Bleeding & Venting Valves, Steam & Condensate Traps, Thermocouples

Tube, Pipe, Weld and UHP Fittings, Quick Connects, Instrumentation Valves, Bottle Connectors, Tubing, Piping & Flexible Hoses

Differential Pressure Sensors, Room Condition Monitors, Power Meters, Particle Counters, Humidity Sensors & Calibrators

Installation Training, Subassemblies, Valve Sizing, Servicing & Repairs, Site Surveys

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