

BOISWOOD

GAS AND LIQUID CONTROL TECHNOLOGIES

Pressure & Vacuum

Flow

Level & Temperature

Tube & Fittings

HVACR

Custom Services

Level & Temperature
Products

Level & Temperature Products Catalogue

Throughout Boiswood we strive to deliver excellence across everything we do to ensure you need look no further for your future requirements. Our own experienced team of professionals are technically trained to offer you the right-first-time, lowest cost solutions, whilst our established supply channels and local stocks mean you will receive your products when and where you need them.

Boiswood products are used by many of the UK's leading companies, across a range of applications and industries which include:

- **Gas Turbines**
- **Water Ballast Systems**
- **Food & Beverage**

Our products are also supported by a wide range of custom services which include product installation and selection training, component sub-assembly and fabrication, site leakage surveys and anthropology days – all designed to help you to reduce your overall costs.

Whatever your needs, contact us for a quote today.



In this Catalogue you will find details on the following products :

- Electro-optic Level Sensors
- Multi-level Switches
- Liquid Level Switches & Sensors
- Submersible Transducers
- Float-controlled/Bleeding & Vent Valves
- Float-controlled Steam Traps

Electro-Optic Level Sensors



Input Power	Actuation Condition	Lead Wire Length	Mounting Type	Operating Pressure
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ELS-950 Series Electro-Optic Level Switch

5 VDC - ±10% 12 VDC - ±10%	Wet Dry	6" 2 Metres	NPT UNF M12x1-8	0 to 250 Psi Max
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ELS-1100 Series Electro-Optic Level Switch

5 VDC 10- 28 VDC	Wet Dry	Polysulfone Nylon	NPT Conduit UNF M12x1 "Fish" Pull Ring	10 Bar Max
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Power	Probe Condition	Electronics	Mounting Type	Operating Pressure
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ELS-1200 Series Electro-Optic Level Switch (DC Version)



5 VDC 12 VDC 24 VAC 120 VAC	Wet Dry	Integral Removable	NPT UNJF	172 Bar Max
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Multi-Level Switches

Stem Materials	Float Materials	Mounting Types	Electrical Connections	Number of Levels
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LS-800 Series Large Size Multi-Level Switch

Brass 316 SS	Buna N 316 SS PTFE	Tank Screw DIN 910 Flange DN65-PN16 Bulkhead Fitting Put In Plug G ¹ / ₂ " Put in Plug G ¹ / ₄ "	PG 13.5 Cable & Gland Plug Connector acc. DIN46351 Plug Connector acc. DIN46350 Terminal Box 12 Poles Terminal Box 6 Poles	up to 7
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LS-800PVC Series Multi-Point Level Switch

PVC	PVC	N/A	Terminal Box 6 Poles PG9 Cable Gland	up to 4
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Liquid Level Switches & Sensors

Stem Material	Float Material	Mounting	Electrical Connection	Operating Pressure
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LS-3 Series Level Switch

Polysulfone Nylon/Buna N Polypropylene	Polysulfone Nylon/Buna N Polypropylene	BSP M12 + NUT NPT UNC	Cable Fly Lead	3 Bar 10 Bar
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Float Material	Pressure	Operating Temperature	Accuracy	Switch Rating
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LS-10 Series Slim Profile Liquid Sensor



Foamed Polyethylene with solid Polyethylene pin	Atmospheric	-40°C up to 80°C	± 1/8"	10W, 50-100VDC
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Liquid Level Switches & Sensors

Stem Material	Float Material	Mounting	Electrical Connection	Operating Pressure
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LS-7 Series Single-Point Type 3 Level Switch



Nylon Polypropylene Versaplast	Nylon Polypropylene Versaplast	Horizontal	Extended Lead Wires	Up to 6.8 Bar
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LS-270 Series Bracket-Mounted Level Switch



316 SS	Buna N	Bracket Mounted	Cable	10 Bar
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LS-750 Series Speciality Liquid Level Switch



316 SS	Buna N	Vertically	PVC Cable	10 Bar
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LS-800-5 Series Single-Point Level Switch



Brass 316 SS	Brass St.St	NPT	Fly Lead	35 Bar 50 Bar
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LS-1700 Series Compact Single-Point Level Switch



Brass 316 SS	Buna N PTFE	NPT BSP	Cable Fly Lead	10 Bar 70 Bar (PTFE Float)
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LS-1750E Series Single-Point Level Switch



316 SS	Brass 316 SS	BSP	Cable Fly Lead	20 Bar
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LS-1800 Series Single-Point Level Switch



Brass 316 SS	Buna N	NPT BSP	Cable Fly Lead	10 Bar
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LS-1950E Series Single-Point Level Switch



316 SS	316 SS	BSP	Cable Fly Lead	30 Bar
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LS-2050E Series Single-Point Level Switch



Buna N 316 SS		BSP	Cable Terminal Box	10 Bar
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LS-52100E Series Level Switch



316 SS		BSP	Cable Terminal Box	35 Bar
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LS-74780 Series Liquid Level Switch



CPVC	CPVC	NPT	Cable Fly Lead	1 Bar
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LS-77700 Series Single Point Level Switch



Brass 316 SS	316 SS Buna N	NPT UNF	Cable	10 Bar 7 bar St.St Float
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LS-159000 Series Bottle-Type Level Switch



Aluminium Brass 316 SS	Aluminium Brass Buna N	NPT	Fly Lead	17 Bar 27 Bar
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Submersible Transducers

Input Pressure Range	Output	Pressure Port	Electrical Connection	Accuracy
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2600 Series Pressure Transducer



Vacuum to 400 Bar 0 to max 25 Bar Absolute	4-20mA, 1 - 6 V, 1 - 11V 1 - 5V, 0.5 - 5.5 V, 0 - 5V 0 - 10V	BSP or NPT Manometer	Fixed Plug Size 10-6 Fixed Plug To DIN 43650 Immersible Max. depth 200 metres Fixed Plug Size 8-4 Conduit Connector 1/2NPT Ext. Micro DIN 43650	0.25% FS 0.15% FS
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4700 Series Spluttered Thin Film Pressure Transducer



0-500mb to 0-690mb	4-20mA	BSP or NPT Manometer	Fixed plug size 10-6, 3-20mm conduit Submersible cable, to 200 metres Fixed plug to DIN 43650 M12 x 1 (5 pin) 1/2 - NPT conduit	0.1 % FS
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5000 Series Pressure Transducer



25 to 70mb 71mb to 200mb 201mb to 350mb 351mb to 1 Bar	4-20mA, 1-6Vdc, 0.1-5.1Vdc 1-5Vdc, 0.5- 5.5Vdc, 0-5Vdc	BSP or NPT	1/2 - 14 NPT conduit Fixed Plug to DIN 43650, M12 x 1 (5 pin) Immersible Cable Assembly, IP68	0.25%
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Float-Controlled/Bleeding & Vent Valves

Nominal Pressure	Connection	Temperature	Operating Pressure	Flow Rate
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EB 1.10 & EB.11 Cast Steel Valve

PN 40	DN32/15 - 100/50	up to 200°C	0 - 40 Bar	up to 2400 Nm ³ /h
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EB 1.12 & EB 1.32 Compact Standard Bleeding Valve

PN 16	G ³ / ₄ - 2 DN25 - 100	up to 130°C	0 - 16 Bar	up to 248 Nm ³ /h
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EB 1.59 Float & Lever Controlled Valve with Integrated Vacuum Breaker

PN 10	DN 100	up to 60°C	0 - 10 Bar	62 Nm ³ /h
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EB 1.74 Bleeding & Vent Valve

PN 16	DN 50 - 150	up to 130°C	0 - 8 Bar	1783 Nm ³ /h
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EB 1.75 Epoxy-coated Bleeding & Vent Cast Valve

PN 25	DN 50 - 200 G1 - 2	up to 60°C	0.3 - 40 Bar	Venting up to 7600 Nm ³ /h Bleeding up to 6100 Nm ³ /h Working venting up to 33 Nm ³ /h
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EB 1.85 Epoxy-coated Bleeding & Vent Cast Valve

PN 16	DN 50 - 200 G2	up to 70°C	0.2 - 16 Bar	Venting up to 4200 Nm ³ /h Bleeding up to 4100 Nm ³ /h Working venting up to 32 Nm ³ /h
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EB 3.50 Bleeding & Vent Valve for Large Air Volumes

PN 40	DN 100 - 300	up to 80°C	on request	18550 Nm ³ /h
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EB 3.52 Float-Controlled Universal Valve

PN 16	DN 25 - 100	130°C	DN 25 - 50 max 12 Bar DN 65 - 100 max 16 Bar	1935 Nm ³ /h
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Connection	Nominal Pressure	KVS - Value	Pressure Range
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NV 94 Compact Stainless Steel Float Valve

G 3/8A - 1 1/2 A	PN 16	0.3 - 21 m ³ /h	Up to 8 Bar
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Float-Controlled Steam Traps

Connection	Nominal Pressure	Working Pressure	Flow Rate
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KA Niagara High-performance Steam Trap

DN 15 - 150	PN 40	0 - 40 Bar in 9 ranges	up to 193 m ³ /h
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KA 2 Universal Steam Trap for Small Flow Rates

G 3/4 x G 1/2A	PN 16	0 - 12 Bar in 3 ranges	max 350 l/h
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KA 2K Condensate Trap for Compressed Air & Gases

G 1/2 x 1/2A 3/4 x 1/2A 1 x 3/4A	PN 16	0 - 12 Bar	max 1570 l/h
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