



combustion products catalogue



A Company of Watts Industries Europe B.V.

PRODUCT	PAGE
Section A – VALVES & ACCESSORIES	
Gas Safety Shut-off Valves – Powerseat Electro Hydraulic Valves	06
Automatic Gas Proving System – Provengas	06
Gas Safety Shut-off Valves – Series 2000 Solenoid Operated Valves	07
– Tekni Solenoid Operated Valves	08
Thermo-electric Valves	09
Relay Valves	09
Thermocouples	10
General Purpose Valves – Series 3000 Solenoid Operated	11
Manual Ball Valves	12
Check Valves	13
Motorised Ball Valves	14
Actuators for Motorised Ball Valves	15
Spare Parts for above controls	18
Section B – BURNERS, BURNER CONTROLLERS, ACCESSORIES ETC	
Electronic Burner Sequence Controllers	21
Pilot Burners	21
Gas Injectors	22
Atmospheric Gas Burners	23
Section C – PRESSURE CONTROLS	
Low Pressure Switches	27
High Pressure Switches	29
Index of Products	31



BLACK TEKNIGAS POWERING THE UK'S GAS CONTROL NEEDS

Black Teknigas is the UK's leading manufacturer of combustion, industrial, medical and laboratory gas control equipment.



With the most comprehensive range of gas control solutions available, we serve a wide range of market sectors and customers from large multi-national companies to small end users.

As a division of Watts Industries, one of the world's leading manufacturers of valves and controls, we offer an in-depth service to our customers across a wide range of industries, supplying products in volume either directly, or through our extensive distribution network across the UK and the rest of the world.

Where safety and reliability are absolutely critical, and where you need solutions that meet the highest production and quality standards possible, it's good to know you can rely on Black Teknigas.



SECTION A – VALVES & ACCESSORIES

GAS SAFETY SHUT-OFF VALVES

ELECTRO-HYDRAULIC 'POWERSEAT' VALVES

Series 668 – Class "A" Safety Shut-off Valves, Normally closed

Gas families 1, 2 & 3

Screwed bodies – Cast Aluminium

Flanged bodies – Cast Iron



Part No.	Size/Style
BC6683	1.1/2" Screwed
BC6684	2" Screwed
BC6685	2.1/2" Screwed
BC6686	3" Screwed
BC6685FL4	2.1/2" Flanged
BC6686FL4	3" Flanged
BC6687FL4	4" Flanged
BC6689FL4	6" Flanged
BC66810FL4	8" Flanged
BC66811FL4	10" Flanged

Optional extras	Description
BC668*/SW	Open Position Switch
Also available	110V 50Hz AC version +

Accessories	Description
BC66RS	PowerSet Manual reset switch (integral)
BC66RSR	PowerSet Manual reset switch (remote)
BC66ETF	PowerLink Thermal fuse
BC66MRF	PowerLink Resettable Thermal fuse
BC66ESB	PowerSev Emergency switch (Die-cast)
BC66ESB/P	PowerSev Emergency switch (Plastic)
BC66ESB/K	PowerSev Emergency switch – Key op,

With the exception of BC66RS all of the above are also suitable for use with all Solenoid Valves and with Electro-hydraulic valves of other manufacture, however installers should ensure that such products are approved to BS EN 161.

PROVENGAS AUTOMATIC GAS PROVING AND ISOLATION SYSTEM



Comprises Control Panel and Isolation Unit.

Used in conjunction with Gas Safety Shut-off Valves approved to BS EN 161

Essential for use in all locations where manual gas controls can cause the possibility of leakage and/or explosion etc.

See BS EN 6715 for requirements in catering establishments

Part No.	Size/Style
PG001	ProvenGas Gas Proving System

GAS SAFETY SHUT-OFF VALVES

SERIES 2000 SOLENOID OPERATED VALVES



Series 2000 - Class "A" Safety Shut-off Valves, Normally closed

Gas Families 1, 2 & 3

Cast Aluminium bodies

Fast Opening – Full Wave Rectified

Part No.	Size/Style
2000 230V	3/4" BSP
2001 230V	1" BSP
2002 230V	1.1/4" BSP
2003 230V	1.1/2" BSP
2004 230V	2" BSP

Fast Opening with Flow Adjuster

Part No.	Size/Style
2000 230V R	3/4" BSP
2001 230V R	1" BSP
2002 230V R	1.1/4" BSP
2003 230V R	1.1/2" BSP
2004 230V R	2" BSP

Fast Opening with Closed Position Indicator switch

Part No.	Size/Style
2000 230V C	3/4" BSP
2001 230V C	1" BSP
2002 230V C	1.1/4" BSP
2003 230V C	1.1/2" BSP
2004 230V C	2" BSP

Slow Opening, Full Wave Rectified

Part No.	Size/Style
2000 230V S	3/4" BSP
2001 230V S	1" BSP
2002 230V S	1.1/4" BSP
2003 230V S	1.1/2" BSP
2004 230V S	2" BSP

Slow Opening with Flow Adjuster

Part No.	Size/Style
2000 230V S R	3/4" BSP
2001 230V S R	1" BSP
2002 230V S R	1.1/4" BSP
2003 230V S R	1.1/2" BSP
2004 230V S R	2" BSP

Slow Opening with Closed Position Indicator switch

Part No.	Size/Style
2000 230V S C	3/4" BSP
2001 230V S C	1" BSP
2002 230V S C	1.1/4" BSP
2003 230V S C	1.1/2" BSP
2004 230V S C	2" BSP

Other Voltages and Accessories

Part No.	Size/Style
110V 50Hz	Change 230V to 110V
24V 50Hz	Change 230V to 24V
N101717100	PG11 Cable Gland for all Series 2000 Valves



GAS SAFETY SHUT-OFF VALVES

08

TEKNI SOLENOID OPERATED VALVES



Series 22 – Vent Valve, Normally Open (i.e. not a Safety Shut-off Valve)

Gas Families 1, 2 & 3 Cast Aluminium Bodies

Closure within 1 sec. of power being applied

Part No.	Size/Style
2231001-00	3/8" Single Body
2241001-00	1/2" Single Body

Series 24 to 29 – Gas Safety Shut-off Valves, Normally Closed

Gas Families 1, 2 & 3

Brass Bodies – 1/8" and 1/4" Aluminium Bodies – remainder

Series 24 – Class "B", Half Wave rectified (* Class "A")
Single Bodied Valves

Part No.	Size/Style
2411001-00	1/8" BSP *
2421001-00	1/4" BSP *
2431211-00	3/8" BSP
2441211-00	1/2" BSP

Double Bodied "Multifunctional" Valves

Part No.	Size/Style
2432112-00	3/8" BSP – 2 Safety Shut-off Valves
2442112-00	1/2" BSP – 2 Safety Shut-off Valves
2433112-00	3/8" BSP – 2 Safety Shut-off Valves and Governor
2443112-00	1/2" BSP – 2 Safety Shut-off Valves and Governor
2435112-00	3/8" BSP – 1 Safety Shut-off Valve and Governor
2445112-00	1/2" BSP – 1 Safety Shut-off Valve and Governor

Series 25 – Class "B", Full Wave rectified (* Class "A")
Single Bodied Valves

Part No.	Size/Style
2511001-00	1/8" BSP *
2521001-00	1/4" BSP *
2531211-00	3/8" BSP
2541211-00	1/2" BSP

Double Bodied "Multifunctional" Valves

Part No.	Size/Style
2532000-00	3/8" BSP – 2 Safety Shut-off Valves
2542000-00	1/2" BSP – 2 Safety Shut-off Valves
2533112-00	3/8" BSP – 2 Safety Shut-off Valves and Governor
2543112-00	1/2" BSP – 2 Safety Shut-off Valves and Governor

Series 28 – Class "A"
Single Bodied Valves

Part No.	Size/Style
2811001-00	1/8" BSP
2821001-00	1/4" BSP
2831211-00	3/8" BSP
2841211-00	1/2" BSP
2851211-00	3/4" BSP



GAS SAFETY SHUT-OFF VALVES

TEKNI SOLENOID OPERATED VALVES



Series 28 – Class "A" – cont'd
Double Bodied "Multifunctional" Valves

Part No.	Size/Style
2832112-00	3/8" BSP – 2 Safety Shut-off Valves
2842112-00	1/2" BSP – 2 Safety Shut-off Valves
2833112-00	3/8" BSP – 2 Safety Shut-off Valves and Governor
2843112-00	1/2" BSP – 2 Safety Shut-off Valves and Governor

Series 29 – Class "A"
Single Bodied Valves

Part No.	Size/Style
2911001-00	1/8" BSP
2921001-00	1/4" BSP
2931211-00	3/8" BSP
2941211-00	1/2" BSP

Double Bodied "Multifunctional" Valves

Part No.	Size/Style
2932000-00	3/8" BSP - 2 Safety Shut-off Valves
2942000-00	1/2" BSP - 2 Safety Shut-off Valves

THERMO-ELECTRIC VALVES AND ANCILLARY PRODUCTS

THERMO-ELECTRIC VALVES



Series 37 and G840 Thermo-electric Valves

For use with Black Teknigas Thermocouples

Single burner applications, integral pilot fitted upstream of any governor or pilot

Part No.	Size/Style
3703/3/8IN	3/8" BSP
3703/1/2IN	1/2" BSP
3702/3/4IN	3/4" BSP
3702/1IN	1" BSP
G840 HA	1/2" BSP

Multi burner application, independent pilot supply

Part No.	Size/Style
3705/3/8IN	3/8" BSP
3705/1/2IN	1/2" BSP
3706/3/4IN	3/4" BSP
3706/1IN	1" BSP

RELAY VALVES



Series 21 Relay Valves

Gas Families 1, 2 & 3 Cast Aluminium Bodies

All models 'High/Low' and 'Shut Off' operation

Series 21

Part No.	Size/Style
2102/1IN	1" BSP 308 cu.ft/hr each
2103/1.5IN	1 1/2" BSP 731 cu.ft/hr each
2104/2IN	2" BSP 1309 cu.ft/hr each

THERMO-ELECTRIC VALVES AND ANCILLIARY PRODUCTS

THERMOCOUPLES

High Quality Universal, specific duty and replacement type thermocouples

Normal working temp. range 400 to 600°C.

Max. operating temp. 1000°C

Drop out time typically 30 to 40 seconds



Series 7000 – Universal Thermocouples including fittings pack

Part No.	Size/Style
7000/EL/600MM	24" (600mm) Ext. Life
7000/EL/900MM	36" (900mm) Ext. Life
7000/EL/1200MM	48" (1200mm) Ext. Life
7000/EL/1800MM	72" (1800mm) Ext. Life
7000/EL/900MMA	36" (900mm) Ext. Life for LPG
7001/S/900MM	36" (900mm) with Interrupter
7002/900MM	36" (900mm) Long Life
7003/900MM	36" (900mm) Super Universal
7003/1200MM	48" (1200mm) Super Universal
7003/900PLUS	36" (900mm) Superfit Plus Universal
7004/900MM	36" (900mm) Gas Fire Universal

Additional Adaptor Packs for above Universal Thermocouples

Part No.	Size/Style
7000/04	Perl, Black 5503
7000/05	Perl A, B, C, D & E
7000/12	Evered 9189, White Rodgers, Robertshaw
7000/13	Teddington TJ
7000/15	Sperryn T582
7000/26	Junkers, S.I.T.
7000/304	M10 Split Nut
7000/305	M9 Split Nut
7000/306	11/32 Split Nut
7000/307	M8 Split Nut

Customer Specific Series Thermocouples

Part No.	Size/Style
701062	36" (900mm) 9mm Fixed Nut
701082	48" (1200mm) 9mm Fixed Nut
701092	60" (1500mm) 9mm Fixed Nut

Sperryn Series T2066

Part No.	Size/Style
710022	320mm
710042	600mm
710072	1000mm
710092	1500mm

Replacement Type Thermocouples

Part No.	Size/Style/To Fit
7/S38	Thorn Apollo
7S/39A	Burco 54561
703044	24" (600mm) Q309A Type
703064	36" (900mm) Q309A Type
703084	48" (1200mm) Q309A Type
703060	36" (900mm) ITT Type
703080	48" (1200mm) ITT Type
712044	Thorn Olympic
717033	Robinson Willey Bantam
717052	Ideal Mexico
721202A	Potterton 8929547
7220212A	Main Medway Super
722213	Main Medway
724223	Valor Dream
725171	Glowworm Fireblaze
726041	Valor Heartbeat
727064	Thorn M
728143	Cannon Carress
728214	Vokera Flowmatic

Many other styles are available.
Please contact our sales office
for details.

GENERAL PURPOSE SOLENOID VALVES

SERIES 3000 VALVES



Series 3000 – General Purpose Valves, normally closed. (Energise to open)
For Water, Hot Water, Air, Oil etc. Fast opening and closing

Brass body with a choice of diaphragm material, Nitrile, EPDM (WRAS certified) or Viton. Electrical connection by DIN socket. Protection to IP 65s

Nitrile Diaphragm

Part No.	Size/Style
3001 230V-N	3/8" BSP
3002 230V-N	1/2" BSP
3003 230V-N	3/4" BSP
3004 230V-N	1" BSP
3005 230V-N	1.1/4" BSP
3006 230V-N	1.1/2" BSP
3007 230V-N	2" BSP

EPDM Diaphragm – WRAS Certified upto 1" BSP

Part No.	Size/Style
3001 230V-E	3/8" BSP
3002 230V-E	1/2" BSP
3003 230V-E	3/4" BSP
3004 230V-E	1" BSP
3005 230V-E	1.1/4" BSP
3006 230V-E	1.1/2" BSP
3007 230V-E	2" BSP

Viton Diaphragm

Part No.	Size/Style
3001 230V-V	3/8" BSP
3002 230V-V	1/2" BSP
3003 230V-V	3/4" BSP
3004 230V-V	1" BSP
3005 230V-V	1.1/4" BSP
3006 230V-V	1.1/2" BSP
3007 230V-V	2" BSP

Actuator only

Part No.	Size/Style
3000 A 230V	230 V 50 Hz
3000 A 110V	110 V 50 Hz
3000 A 24V	24 V 50 Hz

Other Voltages

Part No.	Detail
110 V 50 Hz	Change '230V' in part no. to '110V'
24 V 50 Hz	Change '230V' in part no. to '24V'

MANUAL BALL VALVES

12



Art 45/56 Nickel Plated Brass Body, PTFE Seats, Max. Working Pressure 40 bar. Lever Handle and Taper Threads as standard - see note below

Art 45 – Female/Female BSP, BG Approved to EN331

Part No.	Size/Style
1/4" ART45 LH *	1/4" – 8mm
3/8" ART45 LH *	3/8" – 10mm
1/2" ART45 LH *	1/2" – 15mm
3/4" ART45 LH *	3/4" – 20mm
1" ART45 LH *	1" – 25mm
1 1/4" ART45 LH	1.1/4" – 32mm
1 1/2" ART45 LH	1.1/2" – 40mm
2" ART45 LH	2" – 50mm
2 1/2" ART45 LH	2.1/2" – 65mm
3" ART45 LH	3" – 80mm
4" ART45 LH	4" – 100mm

Art 46 - Male/Female BSP

Part No.	Size/Style
1/4" ART46 LH *	1/4" – 8mm
3/8" ART46 LH *	3/8" – 10mm
1/2" ART46 LH *	1/2" – 15mm
3/4" ART46 LH *	3/4" – 20mm
1" ART46 LH *	1" – 25mm
1 1/4" ART46 LH	1.1/4" – 32mm
1 1/2" ART46 LH	1.1/2" – 40mm
2" ART46 LH	2" – 50mm

Note : '*' Also available with 'T' Handle – change suffix to "TH"
For Parallel Threads insert 'P' after 'ART45'

Art. 70/71 – Brass Body, PTFE Seat, Max. Working Pressure 32 bar
3 Port – Female/Female/Female Lever Handle

Art. 70 – 3 Port 2 Way configuration

Part No.	Size/Style
1/4" ART70 LH *	1/4" – 8mm each
3/8" ART70 LH *	3/8" – 10mm each
1/2" ART70 LH *	1/2" – 15mm each
3/4" ART70 LH *	3/4" – 20mm each
1" ART70 LH *	1" – 25mm each
1 1/4" ART70 LH	1.1/4" – 32mm each
1 1/2" ART70 LH	1.1/2" – 40mm each
2" ART70 LH	2" – 50mm each

Art. 71 – 3 Port 3 Way configuration

Part No.	Size/Style
1/4" ART71 LH *	1/4" – 8mm each
3/8" ART71 LH *	3/8" – 10mm each
1/2" ART71 LH *	1/2" – 15mm each
3/4" ART71 LH *	3/4" – 20mm each
1" ART71 LH *	1" – 25mm each
1 1/4" ART71 LH	1.1/4" – 32mm
1 1/2" ART71 LH	1.1/2" – 40mm
2" ART71 LH	2" – 50mm

MANUAL BALL VALVES

Art. 77 – Cast Iron Body, PTFE Seats, Brass Ball and Stem,
Max.Working Pressure 16 bar Lever Handle

Art. 77 – Flanged

Part No.	Size/Style
1 1/2" ART77 LH	1.1/2" – 40mm
2" ART77 LH	2" – 50mm
2 1/2" ART77 LH	2.1/2" – 65mm
3" ART77 LH	3" – 80mm
4" ART77 LH	4" – 100mm
5" ART77 LH	5" – 125mm

Art. 78 – Cast Iron Body, PTFE Seats, Stainless Ball and Stem,
Max.Working Pressure 16 bar Lever Handle

Art. 78 – Flanged

Part No.	Size/Style
1 1/2" ART78 LH	1.1/2" – 40mm
2" ART78 LH	2" – 50mm
2 1/2" ART78 LH	2.1/2" – 65mm
3" ART78 LH	3" – 80mm
4" ART78 LH	4" – 100mm
5" ART78 LH	5" – 125mm
6" ART78 LH	6" – 150mm

CHECK VALVES

Art. 98 – Materials
Max.Working Pressure 16 bar Lever Handle

ART 98 – Check Valve

Part No.	Size/Style
3/8" H151 LH *	3/8" – 10mm
1/2" H151 LH *	1/2" – 15mm
3/4" H151 LH *	3/4" – 20mm
1" H151 LH *	1" – 25mm
1 1/4" H151 LH	1.1/4" – 32mm
1 1/2" H151 LH	1.1/2" – 40mm
2" H151 LH	2" – 50mm
2 1/2" H151 LH	2.1/2" – 65mm
3" H151 LH	3" – 80mm

MOTORISED BALL VALVES



Art.45 Ball Valves (see Page 12) fitted with couplings for various motors
(Not included)

Nickel Plated Brass Body, PTFE Seats, Max. Working Pressure 40 bar.
Taper Threads as standard

Art.45 Ball Valves for AB1 motor

Part No.	Size/Style
3/8BVMTS/AB1	3/8" – 10mm
1/2BVMTS/AB1	1/2" – 15mm
3/4BVMNT/AB1	3/4" – 20mm
1BVMNT/AB1	1" – 25mm
1.1/4BVMNT/AB1	1.1/4" – 32mm
1.1/2BVMNT/AB1	1.1/2" – 40mm
2BVMNT/AB1	2" – 50mm

Art.45 Ball Valves for AR2 motor

Part No.	Size/Style
3/8BVMTS/AR2	3/8" – 10mm
1/2BVMTS/AR2	1/2" – 15mm
3/4BVMNT/AR2	3/4" – 20mm
1BVMNT/AR2	1" – 25mm
1.1/4BVMNT/AR2	1.1/4" – 32mm
1.1/2BVMNT/AR2	1.1/2" – 40mm
2BVMNT/AR2	2" – 50mm
2.1/2BVMNT/AR2	2.1/2" – 65mm
3BVMNT/AR2	3" – 80mm

Art.45 Ball Valves for AR2 motor

Part No.	Size/Style
3/8BVMTS/JOV	3/8" – 10mm
1/2BVMTS/JOV	1/2" – 15mm
3/4BVMNT/JOV	3/4" – 20mm
1BVMNT/JOV	1" – 25mm
1.1/4BVMNT/JOV	1.1/4" – 32mm
1.1/2BVMNT/JOV	1.1/2" – 40mm
2BVMNT/JOV	2" – 50mm
2.1/2BVMNT/JOV	2.1/2" – 65mm
3BVMNT/JOV	3" – 80mm

ACTUATORS FOR MOTORISED BALL VALVES

15

AB1 Gear Motor with Direct Connection onto the same axis

Electric Rotary Gear Motors, bi-directional, EMC approved.

Body and Cover – die cast aluminium, Enclosure IP54, Motor Shaft 10mm dia.

Rotation angle from 20° to 180°

Ambient Temperature -10°C to +60°C

Complete with 2 end switches



Option	Part No. from options					Status
	AB1			2		
Supply Voltage						
24V AC 50-60 Hz	A					Extra
110V AC 50-60 Hz	B					Extra
230V AC 50-60 Hz	C					Standard
Rotation Time at 50 Hz						
7.5 seconds		0				Standard
15 seconds		1				Standard
30 seconds		2				Standard
60 seconds		3				Standard
Potentiometer						
Not fitted		00				Standard
1 x 150 ohms		11				Extra
1 x 1 kohm		13				Extra
1 x 2.5 kohm		15				Extra
2 x 150 ohms		21				Extra
2 x 1 kohm		23				Extra
2 x 2.5 kohm		25				Extra
2 x 1ohm (Spectrol)		18				Extra
2 x 5ohm (Spectrol)		18				Extra
Auxilliary Microswitches						
Not fitted				0		Standard
2 switches				2		Stocked Option
Accessories						
Control Station and Relay					S	Extra
180° Rotation (if requested with potentiometer)					18	Extra
Mechanical Position Indicator on top cover					O	Stocked Option
Relay Control (On/Off)					R1	Extra

ACTUATORS FOR MOTORISED BALL VALVES

16

AR2 Gear Motor with Direct Connection onto the same axis

Electric Rotary Gear Motors, bi-directional, EMC approved.

Body and Cover – die cast aluminium, Enclosure IP54,

Motor Shaft 9.5 mm square.

Rotation angle from 20° to 180° adjustable

Ambient Temperature -10°C to +60°C

Complete with 2 end switches

Option	Part No.from options					Status
	AR2			2		
Supply Voltage						
24V AC 50-60 Hz	A					Extra
110V AC 50-60 Hz	B					Extra
230V AC 50-60 Hz	C					Standard
Rotation Time at 50 Hz						
7.5 seconds	0					Standard
15 seconds	1					Standard
30 seconds	2					Standard
60 seconds	3					Standard
Potentiometer						
Not fitted	00					Standard
1 x 150 ohms	11					Extra
1 x 1 kohm	13					Extra
1 x 2.5 kohm	15					Extra
2 x 2.5 kohm	25					Extra
Auxiliary Microswitches						
Not fitted	0					Standard
2 switches	2					Stocked Option
Accessories						
Control Station and Relay				S		Extra
Multipolar Connectors				M		Extra
160°c Rotation (if requested with potentiometer)				16		Extra
180°c Rotation (if requested with potentiometer)				18		Extra
Auxilliary Shaft: 8mm dia				A1		Extra
Auxilliary Shaft: 9.5mm dia				A2		Extra
Flange F3				F3		Extra
Flange F4				F4		Stocked Option
Clockwise Rotation				DX		Extra
Relay Control On/Off				R1		Extra

ACTUATORS FOR MOTORISED BALL VALVES

JOVENTA ACTUATORS



24 Volt – 2 point Operation

Part No.	Torque Unit	Opening Time	Operating Angle	Auxilliary Switches	Input
DAS1	8 Nm	30 sec	90		
DAS1s	8 Nm	30 sec	90	2	
DA 1	16 Nm	80 sec	90		
DA 1s	16 Nm	80 sec	90	2	
DAL 1	24 Nm	125 sec	90		
DAG 1	32 Nm	125 sec	90		
DAG 1s	32 Nm	125 sec	90	2	

24 Volt – Modulating Operation

Part No.	Torque Unit	Opening Time	Operating Angle	Auxilliary Switches	Input
DMS1.1	8 Nm	30 sec	90		(1)
DMS1.1s	8 Nm	30 sec	90	2	(1)
DM 1.1	16 Nm	80 sec	90		(2)
DM 1.1s	16 Nm	80 sec	90	2	(2)

(1) 0-10V, 0(4)-20mA

(2) 0(2)-10V, 0(4)-20mA

24 Volt – Spring Return

Part No.	Torque Unit	Opening Time	Operating Angle	Auxilliary Switches	Input
DA 1.Fs	16 Nm	90 sec	90	2	
DM 1.1F	16 Nm	90 sec	90		

230 Volt – 2 point Operation

Part No.	Torque Unit	Opening Time	Operating Angle	Auxilliary Switches	Input
DAS2	8 Nm	30 sec	90		
DAS2s	8 Nm	30 sec	90	2	
DA 2	16 Nm	80 sec	90		
DA 2s	16 Nm	80 sec	90	2	
DAL 2	24 Nm	125 sec	90		
DAG 2	32 Nm	125 sec	90		
DAG 2s	32 Nm	125 sec	90	2	

230 Volt – Modulating Operation

Part No.	Torque Unit	Opening Time	Operating Angle	Auxilliary Switches	Input
DMS2.2	8 Nm	30 sec	90		(1)
DMS2.2s	8 Nm	30 sec	90	2	(1)
DM 2.2	16 Nm	80 sec	90		(2)
DM 2.2s	16 Nm	80 sec	90	2	(2)

(1) 0-10V, 0(4)-20mA

(2) 0(2)-10V, 0(4)-20mA

ACTUATORS FOR MOTORISED BALL VALVES

JOVENTA ACTUATORS

230 Volt – Spring Return

Part No.	Torque Unit	Opening Time	Operating Angle	Auxilliary Switches	Input
DA 2.F	16 Nm	90 sec	90		

110 Volt – Modulating Operation

Part No.	Torque Unit	Opening Time	Operating Angle	Auxilliary Switches	Input
SMS4.2s	8 Nm	30 sec	90	2	(3)
(3) 0(2)-10 V					

Special Motors

230 Volt - 2 point operation

Part No.	Torque Unit	Opening Time	Operating Angle	Auxilliary Switches	Input
SAS1.23s	6 Nm	30 sec	90	2	
SA 1.23s	16 Nm	80 sec	90	2	

Accessories

Part No.	Description
PA	Position Transmitter for surface mounting
PF	Position Transmitter for front mounting

SPARE PARTS FOR GAS SAFETY SHUT OFF VALVES ETC

POWERSEAT ELECTRO-HYDRAULIC VALVES – SPARE PARTS

Spares for series 660x, 662x and 664x are no longer available
Series 666x and 668x

Part No.	To fit	Voltage
BC668S 110V	BC6663, 6664, 6683, 6684	110V 50Hz AC
BC668S 230V	BC6663, 6664, 6683, 6684	230V 50Hz AC
BC668LS 110V	BC6665, 6666, 6685, 6686	110V 50Hz AC
BC668LS 230V	BC6665, 6666, 6685, 6686	230V 50Hz AC
BC668HS 110V	BC6685FL4, 6686FL4	110V 50Hz AC
BC668HS 230V	BC6685FL4, 6686FL4	230V 50Hz AC
BC6687S 110V	BC6687FL4	110V 50Hz AC
BC6687S 230V	BC6687FL4	230V 50Hz AC
BC6689S 110V	BC6689FL4	110V 50Hz AC
BC6689S 230V	BC6689FL4	230V 50Hz AC
BC66810S 110V	BC66810FL4	110V 50Hz AC
BC66810S 230V	BC66810FL4	230V 50Hz AC
BC66811S 110V	BC66811FL4	110V 50Hz AC
BC66811S 230V	BC66811FL4	230V 50Hz AC
add suffix 'SW'	Open Position Switch	add extra

Powerseat Accessories

Part No.	Description
N101706000	Thermal Fuse for BC66ETF

Provengas Automatic Gas Proving System – Spare Part

Part No.	Description
PGISO230V	Isolation Unit, including 2 valves and Pressure Switch
N0221	Spare Key and Barrel for BC66ESB/K

SPARE PARTS FOR GAS SAFETY SHUT OFF VALVES ETC

SOLENOID OPERATED VALVES – SPARE PARTS

**Series 2000
Fast Opening**

Part No.	To fit	Voltage
2000T01C	BC2000/2001 + 'R' & 'C' models	230V 50Hz AC
2000T01B	BC2000/2001 + 'R' & 'C' models	110V 50Hz AC
2000T01A	BC2000/2001 + 'R' & 'C' models	24V 50Hz AC
2000T03C	BC2002/2003 + 'R' & 'C' models	230V 50Hz AC
2000T03B	BC2002/2003 + 'R' & 'C' models	110V 50Hz AC
2000T03A	BC2002/2003 + 'R' & 'C' models	24V 50Hz AC
2000T04C	BC2004 + 'R' & 'C' models	230V 50Hz AC
2000T04B	BC2004 + 'R' & 'C' models	110V 50Hz AC
2000T04A	BC2004 + 'R' & 'C' models	24V 50Hz AC

**Series 2000
Slow Opening**

Part No.	To fit	Voltage
2000T02C	BC2000S/2001S + 'R' & 'C' models	230V 50Hz AC
2000T02B	BC2000S/2001S + 'R' & 'C' models	110V 50Hz AC
2000T02A	BC2000S/2001S + 'R' & 'C' models	24V 50Hz AC
2000T03C	BC2002S/2003S + 'R' & 'C' models	230V 50Hz AC
2000T03B	BC2002S/2003S + 'R' & 'C' models	110V 50Hz AC
2000T03A	BC2002S/2003S + 'R' & 'C' models	24V 50Hz AC
2000T04C	BC2004S + 'R' & 'C' models	230V 50Hz AC
2000T04B	BC2004S + 'R' & 'C' models	110V 50Hz AC
2000T04A	BC2004S + 'R' & 'C' models	24V 50Hz AC
2000T05C	2.1/2"	230V 50Hz AC
2000T05B	3"	110V 50Hz AC

**Tekni Series 22 to 29
Series 22 – Vent Valve**

Part No.	To fit	Voltage
25146/FS	All valves	230V 50Hz AC

Series 23 – Class '1' – obsolete

Part No.	To fit	Voltage
ME/428	All valves – 3/8" to 3/4"	230V 50Hz AC
ME/463	All valves – 3/8" to 3/4"	110V 50Hz AC

Series 24 – Class 'B' – half wave rectified

Part No.	To fit	Voltage
2430412/FS	All valves – 1/8" to 1/2"	230V Spade Conn
2430414/FS	All valves – 1/8" to 1/2"	24V Spade Conn
2430422/FS	All valves – 1/8" to 1/2"	230V Flying Lead
2430424/FS	All valves – 1/8" to 1/2"	110V Flying Lead
2430426/FS	All valves – 1/8" to 1/2"	24V Flying Lead

Series 25 – Class 'B' – full wave rectified

Part No.	To fit	Voltage
25146/FS	All valves – 1/8" to 1/2"	230V Spade Conn
25126/FS	All valves – 1/8" to 1/2"	24V Spade Connector
ME/487	DIN plugs to suit spade connections	

Series 26 – Class '1' – obsolete

Part No.	To fit	Voltage
2330125/FS	All valves – 1/8" to 1/4"	230V Spade Conn

SPARE PARTS FOR GAS SAFETY SHUT OFF VALVES ETC

SOLENOID OPERATED VALVES – SPARE PARTS

Series 28 – Class 'A'

Part No.	To fit	Voltage
2330125/FS	All valves – 1/8" to 1/4"	230V Spade Connector
C103025900/FS	All valves – 3/8" to 1/2"	230V DIN Connector
ME/428	All valves – 3/4" 230V	Spade Connector

Series 29 – Class 'A' – High Pressure

Part No.	To fit	Voltage
C103025900/FS	All valves - 1/8" to 1/2"	230V DIN Conn

SPARE PARTS FOR GAS SAFETY SHUT OFF VALVES ETC

BLACK 'SUPERSEAL' SOLENOID VALVES – SPARE PARTS

Series 69 – obsolete, no spares available

Series 79 – Class 'A' – full wave rectified – solenoid assemblies c/w rectifier

Part No.	To fit	Voltage
SA79110V	BC7900, 7901, 7903	110V 50Hz AC
SA79230V	BC7900, 7901, 7903	230V 50Hz AC

Series 89 – Class 'A' – full wave rectified – actuator assemblies c/w rectifier

Part No.	To fit	Voltage
SA89230V	BC8900, 8901, 8903	230V 50Hz AC

No further spares available for obsolete Blacks Solenoid valves of any Series

TEKNI THERMO-ELECTRIC CONTROLS – SPARE PARTS

Series 37 and G840

Part No.	Description
3701/110	Push Button Assembly – 3701/3703/3705
3702/127	Push Button Assembly – 3702/3706
T3622	Push Button Assembly – G840/880 1/2"
T1941	Push Button Assembly – G840/880 3/4"
T1703	Gasket – T3622
T1851	Gasket – T1941
MB1/FS	Electro-mag.hood assy.-3701/3703 and G840/880 1/2"
3702/140	Pilot Assembly – 3702
3705/100	Pilot Assembly – 3705
3706/104	Pilot Assembly – 3706
T3529	Magnet unit G840/880 3/4"

TEKNI RELAY VALVES – SPARE PARTS

Series 21 and G800

Part No.	Description
T1861	Diaphragm – G800/880 3/4"
T1862	Diaphragm – G800/880 1/2"
2102/103	Diaphragm – 2102 1"
2103/103	Diaphragm – 2103/1.1/2"
2104/103	Diaphragm – 2104/103
T2374	Diaphragm & valve assembly – G800/880 1/2"
T2375	Diaphragm & valve assembly – G800/880 3/4"

SECTION B – BURNERS, BURNER CONTROLLERS, ACCESSORIES ETC

ELECTRONIC BURNER SEQUENCE CONTROLLERS

ATMOSPHERIC AND FORCED DRAUGHT BURNERS



**Series 'Microflat' – Fully Automatic Control
Integral Spark, Flame Rectification (ionisation) only**

Part No.	Description
SE 11 F 230V	2 valve, 2 probe control for atmos.burners
SE 31 F 230V	2 valve, 2 probe for atmos.& forced draught burners
SM 11 KIT	Electrical Termination kit for above
SM 11 RS	Reset Button for above – if required

Atmospheric Burner Applications only
Series BA and SM – Semi and Fully Automatic Controls

Part No.	Description
BA1-230V	Semi Automatic Flame Rectification or UV – 230V
SM592-230V	Fully Automatic – Flame Rectification only – 230V
SM592-110V	Fully Automatic – Flame Rectification only – 110V

Accessories for above

Part No.	Description
1201/230V	Spark Generator – 230V
1201/110V	Spark Generator – 110V
UV1	Ultra Violet Detector Head
ME39/FS	Electrode (probe) – 6"
ME233/FS	Electrode (probe) – 12"
1001	Ignition lead type ME26
O300	Ignition lead type ME438

PILOT BURNERS

VARIOUS MODELS AND STYLES FOR DOMESTIC, COMMERCIAL AND INDUSTRIAL APPLICATIONS

Industrial Pilot Assemblies for Natural Gas and LPG

Series 1300 – for use with Flame Rectification Units, includes 2 Probes

Part No.	Usage
1300/N	Natural Gas
1300/LPG	Liquefied Petroleum Gas

Series 1101 – for use with Tekni 7000 series Thermocouples in arduous conditions

Part No.	Usage
1101/N	Natural Gas
1101/LPG	Liquified Petroleum Gas



PILOT BURNERS

COMMERCIAL/DOMESTIC PILOT ASSEMBLIES FOR NATURAL GAS AND LPG

Series 'Y' – Compact aerated, low consumption burner

Available in three styles :-

Type 'A' – Horizontal Flame with Vertical Flame at 90 deg

Type 'B' – Horizontal Flame with Upward Flame at 120 deg

Type 'C' – Two Horizontally Opposed Flames

Part No.	Usage
Y100	Type 'A' – Natural Gas
Y104	Type 'B' – Natural Gas
Y108	Type 'C' – Natural Gas
Y166	Type 'A' – Liquefied Petroleum Gas
Y177	Type 'B' – Liquefied Petroleum Gas
Y175	Type 'C' – Liquefied Petroleum Gas

Series CTB Monogas and Universal Pilot Burners 1, 2, and 3 flame models

Part No.s consist of four elements, as follows

First Element – 'CTB/' - i.e. series

Second Element – (MV vertical gas entry; MO horizontal gas entry; U horizontal gas entry only. MV and MO please advise if N, G, LPG. U suitable for NG & LPG)

Third Element – '1/', '2/' or '3/' – i.e. No. of flames required

Fourth Element – Bracket type 'STD' (Standard) or 'EXT' (Extended)

In addition orders for Monogas Pilots should indicate if pilot is for "/LPG"

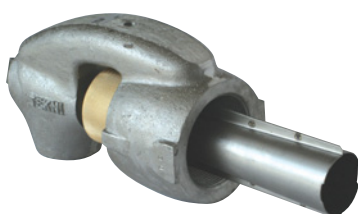


Part No.	Description
See above	See above
Standard connection is 6mm comp. But 4mm can be supplied to special order	

Accessories

Part No.	Description
MG18	CTB Electrode
MG20	Piezo Ignitor
MG21	H.T. Cable
MG22	Flat Connector
MG25	Ring Connector
PTK6MM	Pilot Tube Kit 6mm x 1 metre

TEKNI GAS INJECTORS



Series 117 Single Arm

Die Cast Body, Brass Jet (pilot drilled)

Part No.	Description
117/.75IN	3/4" connection, 3/8" inlet, 1/4" jet, 30,000 BTU
117/1IN	1" connection, 3/8" inlet, 1/4 jet, 45, 000 BTU
117/1.25IN	1.1/4" connection, 1/2" inlet, 3/8" jet, 80,000 BTU
117/1.5IN	1.1/2" connection, 3/4" inlet, 3/8" jet, 135,000 BTU
117/2IN	2" connection, 1" inlet, 1/2" jet, 180,000 BTU

Jets - Type 117 injectors – pilot drilled only

Part No.	Description
123/210	or 3/4" and 1"
123/211	for 1.1/4" and 1.1/2"
123/212	for 2"

TEKNI GAS INJECTORS

**Series 168**

Fabricated Steel Body, Brass Jet (pilot drilled)

Part No.	Description
168/1IN	1" connection, 1/2" inlet, 1/4" jet, 30,000 BTU
168/1.25IN	1.1/4" connection, 3/4" inlet, 3/8" jet, 45,000 BTU
168/1.5IN	1.1/2" connection, 3/4" inlet, 3/8" jet, 135,000 BTU
168/2IN	2" connection, 1" inlet, 1/2" jet, 180,000 BTU

Jets – Type 168 injectors – pilot drilled only

Part No.	Description
201/102	for 1"
201/104	for 1.1/4" and 1.1/2"
201/106	for 2"

TEKNI ATMOSPHERIC GAS BURNERS

BURNERS FOR INDUSTRIAL, COMMERCIAL, CATERING AND DOMESTIC APPLICATIONS

Series SQ

High Heat Release Burners – 1.1/2" or 2" Injector Connection sizes

Supplied in two styles :

End Feed – "EFBSP" – for use with injectors type 117 or 168

Bottom Feed – "BF" – for use with injectors type 117 or 168

**1 1/2" SQ Bottom Feed**

Part No.	Flame Length
1.5/SQ/6/BF	6"
1.5/SQ/9/BF	9"
1.5/SQ/12/BF	12"
1.5/SQ/18/BF	18"
1.5/SQ/24/BF	24"
1.5/SQ/30/BF	30"
1.5/SQ/36/BF	36"
1.5/SQ/42/BF	42"
1.5/SQ/48/BF	48"

1 1/2" SQ End Feed BSP

Part No.	Flame Length
1.5/SQ/6/EFBSP	6"
1.5/SQ/9/EFBSP	9"
1.5/SQ/12/EFBSP	12"
1.5/SQ/18/EFBSP	18"
1.5/SQ/24/EFBSP	24"
1.5/SQ/30/EFBSP	30"
1.5/SQ/36/EFBSP	36"
1.5/SQ/42/EFBSP	42"
1.5/SQ/48/EFBSP	48"

TEKNI ATMOSPHERIC GAS BURNERS

24

Series SQ cont'd
2" SQ Bottom Feed

Part No.	Flame Length
2/SQ/6/BF	6"
2/SQ/9/BF	9"
2/SQ/12/BF	12"
2/SQ/18/BF	18"
2/SQ/24/BF	24"
2/SQ/30/BF	30"
2/SQ/36/BF	36"
2/SQ/42/BF	42"
2/SQ/48/BF	48"

2" SQ End Feed BSP

Part No.	Flame Length
2/SQ/6/BF	6"
2/SQ/9/BF	9"
2/SQ/12/BF	12"
2/SQ/18/BF	18"
2/SQ/24/BF	24"
2/SQ/30/BF	30"
2/SQ/36/BF	36"
2/SQ/42/BF	42"
2/SQ/48/BF	48"

SQ burners are also available in Stainless, in the following sizes at an additional premium. Add 'SS' to the part number

Part No.	Sizes
See above	1.5" SQ x 6"
See above	1.5" SQ x 9"
See above	1.5" SQ x 12"

The following additional features are available as extras on all SQ Burners in order that a Burner may be customised to a particular requirement

Part No.	Sizes
Premix per additional inch – 1.1/2" burners	
Premix per additional inch – 2" burners inch 3.5	
Blank ends – 1.1/2" burners	
Blank ends – 2" burners	

Additional Jets – see type 168 injectors

Series Teknipol

Medium Output Burners

A series of bladed, bar and tube burners are available for certain applications and heat outputs

Full technical specification and prices are available from the sales office

TEKNI ATMOSPHERIC GAS BURNERS

SERIES MHR



Medium Heat Release Burners – 1" Injector Connection size
Heat Release – 4,000 to 15,000 BTU's per hour per 12" length
Supplied in two styles :

End Feed – "EFBSP" – for use with injectors type 117 or 168

Bottom Feed – "BF" – for use with injectors type 117 or 168

Series MHR Bottom Feed

Part No.	Flame Length
1/MHR/12/BF	12"
1/MHR/18/BF	18"
1/MHR/24/BF	24"
1/MHR/30/BF	30"
1/MHR/36/BF	36"
1/MHR/42/BF	42"
1/MHR/48/BF	48"

Series MHR End Feed BSP

Part No.	Flame Length
1/MHR/12/EFBSP	12"
1/MHR/18/EFBSP	18"
1/MHR/24/EFBSP	24"
1/MHR/30/EFBSP	30"
1/MHR/36/EFBSP	36"
1/MHR/42/EFBSP	42"
1/MHR/48/EFBSP	48"

SERIES LHR AND BLB



Low Heat Release and Bridging Ladder Burners

Heat Release – 2000 to 4000 BTU's per hour per 12" length

Supplied Complete With Injectors, pilot drilled only, in three styles

Bottom Feed "BF"

End Feed – "EFBSP"

Side Feed – "SFBSP"

Bottom Feed "BF"

Part No.	Flame Length
1/2/LHR/6/BF	6"
1/2/LHR/9/BF	9"
1/2/LHR/12"/BF	12"
1/2/LHR/18/BF	18"
1/2/LHR/24/BF	24"
1/2/LHR/30/BF	30"
1/2/LHR/36/BF	36"
1/2/LHR/42/BF	42"
1/2/LHR/48/BF	48"
1/2/LHR/60/BF	60"
1/2/LHR/72/BF	72"

TEKNI ATMOSPHERIC GAS BURNERS CONT'D

SERIES LHR AND BLB CONT'D



End Feed – "EFBSP"

Part No.	Flame Length
1/2/LHR/6/EFBSP	6"
1/2/LHR/9/EFBSP	9"
1/2/LHR/12"/EFBSP	12"
1/2/LHR/18/EFBSP	18"
1/2/LHR/24/EFBSP	24"
1/2/LHR/30/EFBSP	30"
1/2/LHR/36/EFBSP	36"

Side Feed – "SFBSP"

Part No.	Flame Length
1/2/LHR/6/SFBSP	6"
1/2/LHR/9/SFBSP	9"
1/2/LHR/12"/SFBSP	12"
1/2/LHR/18/SFBSP	18"
1/2/LHR/24/SFBSP	24"
1/2/LHR/30/SFBSP	30"
1/2/LHR/36/SFBSP	36"

Available in Stainless steel

The following additional features are available as extras for all LHR/BLB Burners in order that a Burner may be customised to a particular requirement

End Feed – "EFBSP"

Part No.	Details
	Premix and Blank extension per 6" or part
	Brackets fitted for flame detection/ignition
	Brackets for 1100ser. pilot bnr and t'couple
	Double Bottom Feed
	Additional length of studding – per inch
	1 Bracket attached plus 1 probe
	2 Brackets attached plus 2 probes
SA191/120	48" Tube/retention strip for fully customised ladder pilot manufacture
SA191/114	3/8"BSP inj. To 1/4" BSP female conn
SA191/113	1/4" BSP inj. to 1/4" com.union
201/101	Spare 1BA jet (pilot drilled only)

SERIES 370 MULTIGAS RING BURNER

Bottom Feed "BF"

Part No.	Details
370/N	Ring Burner
	Spare Jet

There are no spare parts available for any item in this section.
Jets etc. for burners and injectors are quoted in their respective sections above

SECTION C – PRESSURE CONTROLS

PRESSURE SWITCHES – LOW PRESSURE

Low Pressure Switches for Positive, Negative and Differential Pressure applications

Range from 0.25 mbar to 2.1 bar



Black Series 80 – Positive, Negative and Differential Pressure Switch

Part No.	Pressure Range
BC8039A	0.25 to 2.5 mbar each
BC8062	2.3 to 15 mbar each

Black Series 80 – Mounting Bracket

Part No.	Description
BC17512	Mounting Bracket

Black Series 81 – Positive, Negative and Differential Pressure Switch

Part No.	Pressure Range
BC8102	25 to 250 mbar
BC8104	70 to 1050 mbar
BC8106	350 to 2100 mbar

Actu Series LDH – Positive, Negative and Differential Pressure Switch

Part No.	Pressure Range
ACTU020001	LDH/0 – 0.25 to 0.63 mbar
ACTU020002	LDH/1 – 0.63 to 3.24 mbar
ACTU020003	LDH/7 – 2.50 to 17.5 mbar
ACTU020004	LDH/28 – 17.00 to 70.00 mbar

Actu Series LDH – as above but with Pressure Setting Indicator

Part No.	Pressure Range
ACTU020101	LDH/0/V – 0.25 to 0.63 mbar
ACTU020102	LDH/1/V – 0.63 to 3.24 mbar
ACTU020103	LDH/7/V – 2.50 to 17.5 mbar
ACTU020104	LDH/28/V – 17.00 to 70.00 mbar

Actu Series LDH – as above but with optional Pressure Entry in base

Part No.	Pressure Range
ACTU020201	LDH/0/E – 0.25 to 0.63 mbar
ACTU020202	LDH/1/E – 0.63 to 3.24 mbar
ACTU020203	LDH/7/E – 2.50 to 17.5 mbar
ACTU020204	LDH/28/E – 17.00 to 70.00 mbar

Actu Series LDH – as above but with Weatherproof Enclosure

Part No.	Pressure Range
ACTU020301	LDH/0/W – 0.25 to 0.63 mbar
ACTU020302	LDH/1/W – 0.63 to 3.24 mbar
ACTU020303	LDH/7/W – 2.50 to 17.5 mbar
ACTU020304	LDH/28/W – 17.00 to 70.00 mbar

Actu Series LDH – Mounting Bracket

Part No.	Description
ACTU320400	LDH Mounting Bracket



PRESSURE SWITCHES – LOW PRESSURE

28

Actu Series LDK – Positive Pressure Switch

Part No.	Pressure Range
ACTU021002	LDK/2P – 0.4 to 5.0 mbar
ACTU021003	LDK/10 – 4.0 to 25 mbar
ACTU021004	LDK/40 – 15 to 100 mbar
ACTU021005	LDK/70 – 25 to 180 mbar

Actu Series LDK – as above but with Manual Reset

Part No.	Pressure Range
ACTU021403	LDK/10/R1 – 4.0 to 25 mbar – Lockout on Rise
ACTU021404	LDK/40/R1 – 15 to 100 mbar – Lockout on Rise
Not available with either FWA3 or EEX Enclosures	

Actu Series LDK – Mounting Bracket

Part No.	Description
ACTU021391	LDK Mounting Bracket

Actu Series LDQ - Positive, Negative and Differential Pressure Switch – meets IM13

General Purpose Switch with 1/4" BSP Spigot entry and 1/8" Tapping for Pressure test point



Part No.	Pressure Range
ACTU023069	LDQ/069 – 0.4 to 0.8 mbar
ACTU023062	LDQ/062 – 0.5 to 3.5 mbar
ACTU023063	LDQ/063 – 1.3 to 15 mbar
ACTU023064	LDQ/064 – 10 to 55 mbar
ACTU023065	LDQ/065 – 30 to 100 mbar

As Series LDQ above, but with shorter spigot and no pressure test point.

Part No.	Pressure Range
ACTU023049	LDQ/049 – 0.4 to 0.8 mbar each
ACTU023042	LDQ/042 – 0.5 to 3.5 mbar each
ACTU023043	LDQ/043 – 1.3 to 15 mbar each
ACTU023044	LDQ/044 – 10 to 55 mbar each
ACTU023045	LDQ/045 – 30 to 100 mbar each

Actu Series LDQ – Mounting Bracket

Part No.	Description
ACTU323350	LDQ Mounting Bracket

Microswitches for use in LDH, LDK, LDQ Pressure Switches – add suffixes as follows:-

Suffix	Description
ACTUxxxxx/11	Microswitch with Gold Plated Contacts
ACTUxxxxx/P	C6R06 Low Hysteresis Mic.switch (Not LDQ)
ACTUxxxxx/S	CR1 Heavy Duty Microswitch (Not LDQ)

PRESSURE SWITCHES – LOW PRESSURE

Inlet pressure pipe connection: Rp 1/4" female,
Differential Pressure Connection Rp 1/8" female

Part No.	Pressure Range
C6097A2110	1.0 to 10.0 mbar
C6097A2210	2.5 to 50.0 mbar
C6097A2310	30 to 150 mbar
C6097A2410	100 to 500 mbar

Accessories and Extras

Part No.	Description
ACTU020390	Duct Mounting Kit LDQ/LDH – Single Wall
ACTU020392	Duct Mounting Kit LDQ/LDH – Twin Wall
ACTU021390	Duct Mounting Kit LDK – Single Wall
ACTU021392	Duct Mounting Kit LDK – Twin Wall
ACTU111177	1/4" BSP to 1/4" Hose Connector
ACTU411366	1/4" Fibre Washer for ACTU111177
ACTU111184	1/8" BSP to 1/4" Hose Connector
ACTU411372	1/8" Fibre Washer for ACTU111184
ACTU411461	Flexible Tube 6mm ID x 9mm OD
ACTU111132	19mm Duct Grommet for ACTU411461
ACTU111186	Two Piece Duct Connector
ACTU111187	One Piece Duct Connector
M000005000	MG29 20mm Plastic Cable Gland
ACTU221170	1/4" BSP Blanking Plug

PRESSURE SWITCHES – HIGH PRESSURE

High Pressure Switches for Positive, Negative and Differential Pressure applications

Industrial and Process applications in the range from -0.1 bar to 350 bar

Black Series 82 – Positive Pressure Switch

Part No.	Pressure Range
BC8201	14 to 35 bar
BC8202	35 to 140 bar
BC8203	140 to 280 bar

Series Supermin – Miniature Positive and Negative Pressure Switches

Part No.	Pressure Range
5600001	SM1 – 0.1 to 1.0 bar
5600002	SM2 – 0.4 to 2.5 bar
5600003	SM3 – 1.0 to 10 bar
5600004	SM4 – 4.0 to 25 bar
5600005	SM5 – -0.07 to -1.0 bar Negative Pressure
	Degreased Version of any above
	Plug-in Version of any above



PRESSURE SWITCHES – HIGH PRESSURE

30

Series 38 – Miniature Positive Pressure Switch, Preset and Adjustable, Stainless

Part No.	Pressure Range
ACTU038112	3811/20 – 0.2 to 1.4 bar – Preset
ACTU038111	3811/100 – 1.4 to 7 bar – Preset
ACTU038125	3812/500 – 3.5 to 35 bar – Preset
ACTU038132	3813/20 – 0.2 to 1.4 bar – Adjustable
ACTU038131	3813/100 – 1.0 to 7 bar – Adjustable
ACTU038145	3814/500 – 3.5 to 35 bar – Adjustable
ACTU038165	3816/5000 – 35 to 350 bar – Preset
ACTU038185	3818/50000 – 35 to 350 bar – Adjustable
ACTU038011	Plug and Lead (2 metres) for Series 38
ACTU038XXX/05	Plug and Lead Heatshrink
ACTU038XXX/06	Lead (Soldered) Heatshrink

Series Univar 7 – General Purpose Positive and Negative Pressure Switches
Fixed Reset Differential

Part No.	Pressure Range
5260001	J1 – 0.1 to 1.0 bar
5260002	J2 – 0.4 to 4.0 bar
5260003	J3 – 1 to 10 bar
5260004	J4 – 4 to 40 bar
5260005	JV – -0.1 to -1.0 bar

Adjustable Reset Differential

Part No.	Pressure Range
5261001	K1 – 0.1 to 1.0 bar
5261002	K2 – 0.4 to 4.0 bar
5261003	K3 – 1 to 10 bar
5261004	K4 – 4 to 40 bar
5261005	KV – -0.1 to -1.0 bar

Adaptors

Part No.	Description Unit
5602001	1/4" x 1/4" BSP male
5602002	1/4" x 1/2" BSP male
5602003	1/4" BSP x 6mm Copper



INDEX OF PRODUCTS

Description	Page
A	
Actuators for Ball Valve	15
Atmospheric Gas Burners	23
B	
Ball Valves	12
Burner Controls	21
C	
Check Valves	13
E	
Electrodes/Probes	21
Electro-Hydraulic Valves (Powerseat)	06
G	
Gas Burners	23
Gas Injectors	22
Gas Proving System	06
Gas Safety Shut off Valves	06
Gear Motors for Ball Valves	15
General Purpose Valves	11
M	
Manual Ball Valves	12
Motorised Ball Valves	14
P	
Pilot Burners	21
Powerseat Valves	06
Pressure Switches – High Pressure	29
Pressure Switches – Low Pressure	27
Provengas	06
R	
Relay Valves	09
S	
Solenoid Valves – Gas safety Shut-off Valves	07
Solenoid Valves – General Purpose	11
Spare Parts for Gas Valves	18
Spare Parts for Provengas	18
Spare Parts for Relay Valves	20
Spare Parts for Thermo-electric Valves	20
T	
Thermocouples	10
Thermo-electric Valves	09

Product range Watts Industries

- System Disconnectors
- Backflow Protection Devices
- Check Valves
- Safety Units
- Safety Relief Valves
- Pressure Reducing Valves
- Automatic Control Valves
- Butterfly Valves
- Shut-Off Valves
- Measuring Gauges
- Temperature Control
- Expansion Vessels
- Process Switches
- Fuel Products
- Gas Products
- Electronic Controls
- Installation Protection Products
- Radiator Valves
- System Products
- Manifolds and Fittings



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