

Control Devices for Pump & Irrigation

Flow Switches



Page 5.2

Pressure Switches



Page 5.2

Float Switches



Page 5.3

Aquamant Filter Flushing Timer



Page 5.4

Pivot Chemical Controller



Page 5.4

Blac Bocs



Page 5.4

Motorscope



Page 5.4

Surge Arrestors



Page 5.4

Avanti Pump Protection Relay



Page 5.5

Avanti Distance Control Unit



Page 5.5

Avanti Liquid Level Relay



Page 5.5

Electrode



Page 5.5

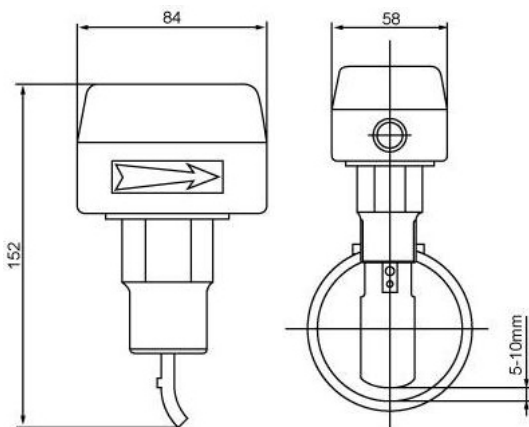
Mechanical Time Clock



Page 5.5

CONTROL DEVICES for PUMP & IRRIGATION

FLOW SWITCHES

PARTNO	DESCRIPTION	Price
HFS-25	Flow Switch with change over contacts. 10 bar maximum pressure. 1" BSP connection 6" paddle	1171.60
KIT21A602	6" paddle kit for HFS-25 flow switch	150.00
		
BRIO2000-M	Flow control switch - Performs the operations normally carried out by pressure tank, pressure switch & non-return valve 1 -10 bar pressure 1" BSP male connection IP 65 protection 110/230 VAC Max. Current: 12 amp Max. temp: 55°C Max. flow: 80 l/min	1264.40



PRESSURE SWITCHES

PARTNO	DESCRIPTION	Price
P77AAA-9300	PENN Switch with change over contacts. 0.5 - 7 bar pressure. Differential 0.5 - 3 bar Max bellow pressure 22 bar 1/4" BSP brass adaptor	1430.00
P77AAA-9301	PENN Switch with change over contacts. 1 - 10 bar pressure. Differential 1 - 3 bar Max bellow pressure 15 bar 1/4" BSP brass adaptor	1430.00
P77AAA-9350	PENN Switch with change over contacts. 3 - 30 bar pressure. Differential 3 - 12 bar Max bellow pressure 33 bar 1/4" BSP brass adaptor	1430.00
ADP	Spare 1/4" BSP brass adaptor for PENN Pressure Switches	57.20

All Prices Exclude VAT and are subject to change without prior notice.

CONTROL DEVICES for PUMP & IRRIGATION

FLOAT SWITCHES

PARTNO

DESCRIPTION

Price



MERCURY SWITCH

MERCURY SWITCH

For regulation of turbulent or suspended agglomerative residues in service & sewer waters.

Colour - Orange

5M-MK2 5m cable

553.00

10M-MK2 10m cable

599.00

(15m, 20m & 25m cable lengths available on request)

Rated Voltage	220v AC/DC
Load	1A

NB. In accordance with SAFETY REGULATIONS, the float switches MUST be connected to a low-voltage control circuit through an isolating transformer, and used in conjunction with suitably rated relays.



ROLLER BALL SWITCH

ROLLER BALL SWITCH

For use in clean liquids for regulation of high & low levels in tanks and cisterns. (limited differential)

Colour - Red

10 Amp Switch

MICROSTART/C5-10 5m cable

363.30

MICROSTART/C10-10 10m cable

528.20

2 hp Switch

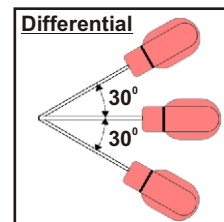
MICROSTART/C5-2 5m cable

418.30

MICROSTART/C10-2 10m cable

595.80

	(10A)	(2HP)
Rated Voltage	250v AC	250v AC
Resistive load	10A	10A
Inductive load	4A	8A
Max working pressure	10 bar	10 bar



COUNTER WEIGHT

ACCESSORIES

MATICCW

Spare counter weight for float switch

14.50

All Prices Exclude VAT and are subject to change without prior notice.

CONTROL DEVICES for PUMP & IRRIGATION

AQUAMAN FILTER FLUSHING TIMERS

Run-time: 0.3 - 6 hours
Flushing Time: 0.3 - 6 minutes



AQUAMAN FILTER FLUSHING TIMER

PARTNO	DESCRIPTION	VOLTAGE	Price
AQUA2S	Master + 2 step	24 VAC	1830.00
AQUA3S	Master + 3 step	24 VAC	2131.00
AQUA4S	Master + 4 step	24 VAC	2433.00
AQUA5S	Master + 5 step	24 VAC	2734.00
AQUA6S	Master + 6 step	24 VAC	3471.00
AQUA7S	Master + 7 step	24 VAC	3749.00
AQUA8S	Master + 8 step	24 VAC	4050.00
FTSS24AD	Master + 1 step with plug-in base	24 VAC	548.10

Larger units available on request

SPARE MODULES

FTM24AD	Master	24 VAC	548.10
FTS24AD	Slave	24 VAC	548.10

PIVOT CHEMICAL CONTROLLER

Run-time: 0.3 - 6 seconds
Dosing Time: 0.3 - 6 seconds



BLAC BOCS

PARTNO	DESCRIPTION	VOLTAGE	Price
PCC2S	Master + 2 step	24 VAC	1830.00
PCC3S	Master + 3 step	24 VAC	2131.00
PCC4S	Master + 4 step	24 VAC	2433.00
PCC5S	Master + 5 step	24 VAC	2734.00
PCC6S	Master + 6 step	24 VAC	3471.00
PCC7S	Master + 7 step	24 VAC	3749.00
PCC8S	Master + 8 step	24 VAC	4050.00

Larger units available on request

SPARE MODULES

PCC24AD	Master	24 VAC	548.10
PCC24AD	Slave	24 VAC	548.10

BLAC BOCS



MOTORSCOPE

PARTNO	DESCRIPTION	VOLTAGE	Price
381001200	0.37 to 1.5 Kw 3 Phase	400 VAC	2052.00
381001201	2.2 to 5.5 Kw 3 Phase	400 VAC	2052.00
381001202	7.5 to 18.5 Kw 3 Phase	400 VAC	2367.00
381001203	22.0 to 75.0 Kw 3 Phase	400 VAC	2367.00
381001204	93.0 to 105.0 Kw 3 Phase	400 VAC	2367.00

7.5Kw and above, use C.T. Provided.

MOTORSCOPE

PARTNO	DESCRIPTION	VOLTAGE	Price
TRIO	3 phase up to 5.6 Kw without C.Tx	400 VAC	2348.00
SUPRA	3 phase 7.5Kw to 37 Kw with C.Tx	400 VAC	4068.00

SURGE ARRESTORS

PARTNO	DESCRIPTION	VOLTAGE	Price
AVSURGE	AVANTI Surge Arrestor - 8KA	280 VAC	147.00
AVSURGE/DIN	AVANTI Surge Arrestor - 40KA DIN mount	280 VAC	488.00
AVSURGE/DIN	AVANTI Surge Arrestor - 8KA DIN mount	280 VAC	216.00



SURGE ARRESTOR

All Prices Exclude VAT and are subject to change without prior notice.

CONTROL DEVICES for PUMP & IRRIGATION

AVANTI ELECTRONIC MODULES

(Refer Section 11 for more details)



PPR



DCU



LLC



AEL



MECHANICAL TIMER

PARTNO	DESCRIPTION	VOLTAGE	Price
<u>PUMP PROTECTION RELAYS (PPR) with Underload Restart Function</u>			
For new installations, a CT and 11 pin base must be purchased with PPR			
PPR-1T8-23	Single phase PPR	230 VAC	718.00
PPR-3T8-40	Three phase PPR	400 VAC	718.00
<u>DISTANCE CONTROL UNIT</u>			
DCU/123STR	Distance Control Unit - single pump	230 VAC	429.00
DCU/140STR	Distance Control Unit - single pump	400 VAC	429.00
DCU/223STR	Distance Control Unit - double pump	230 VAC	606.00
DCU/240STR	Distance Control Unit - double pump	400 VAC	606.00
<u>LIQUID LEVEL CONTROL</u>			
Filling & Emptying Selectable			
LLC23	LLC Switch - single pump	230 VAC	323.00
LLC40	LLC Switch - single pump	400 VAC	323.00
LLC323	LLC Switch - double pump with duty cycle	230VAC	462.00
LLC340	LLC Switch - double pump with duty cycle	400VAC	462.00
<u>ELECTRODE (for use with LLC)</u>			
AEL	Stainless Steel Electrode		79.65
<u>ACCESSORIES</u>			
ES11	11pin base - surface / DIN mount		64.00
FMA	Flush Mount Kit for Avanti Modules		99.00

Refer to page: 11.20 for Wiring Diagram of PPR.

PARTNO	DESCRIPTION	Price
<u>MECHANICAL TIMERS - AUTO STOP</u>		
Panel mount 1 NO + 1 NC contact		
C53-12	12 hour	741.00
C53-24	24 hour	741.00

All Prices Exclude VAT and are subject to change without prior notice.