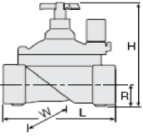
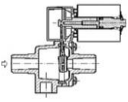
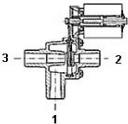
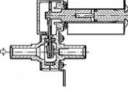
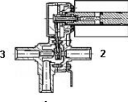
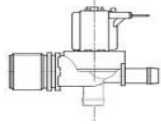
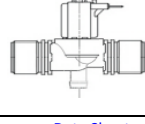
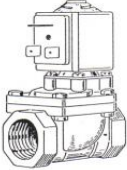
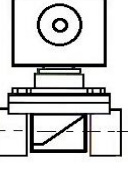
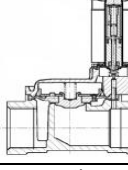
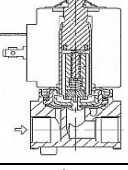
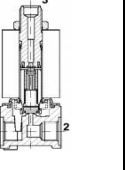
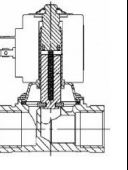


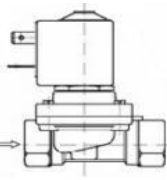
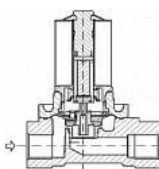
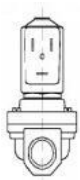
**SOLENOID VALVE PLASTIC VERSION & METAL VERSION**

<b>Always State Required VOLTAGE ( AC / DC )</b>					<b>'N.C' = Normally closed</b>			<b>'N.O' = Normally open</b>					
<b>Plastic Valve 'K' Type (Servo) N. Closed</b>					<b>Plastic Valve PPS Direct Type BSPm (N.Close) (D132, D332, D144, D344)</b>								
Cheap Valve for Clean Water Only N. Closed.					Chemical Direct Acting Type - ½" (¼" 2 & 3 way also)								
<u>Application</u>					<u>Applications</u>								
Suitable for <u>water and irrigation</u> Not good for other liquids at all.					Suitable for aggressive chemicals based on reliable simple design.								
<u>Specification</u>					<u>Specification</u>								
<b>Pressure</b> : 0.3 min - 8.0 max Bars.					<b>Pressure</b> : 0 - 1.6 Bar & 65°C.								
<b>Voltage</b> : 12v DC, 24v AC.					<b>Voltages</b> : 12v DC, 24v AC, 240v AC, 110v AC.								
<b>Body</b> : FR Nylon 66. SS Plunger.					<b>Current</b> : 20v A Approx. 36v A Inrush.								
<b>Terminations</b> : Flying Leads 30cm long.					<b>Terminations</b> : IP65 Plug type MPM182.								
<b>Ends</b> : BSP female threaded.					<b>Ends</b> : BSP male threaded..								
<b>Diaphragm</b> : Natural Rubber.					<b>Seals</b> : FPM Standard.								
<b>Temperature</b> : 30°C maximum.					<b>Body</b> : D132 - D332 PPS (Polyphenylene Sulphide)								
Flow control on central screw + M.Ove Black Nylon / PVC					: D144 - D344 PEI (Polyetherimide) : (Weight 420 grams).								
<b>K Type</b>					<b>D 132 2 WAY</b>				<b>D 332 3 WAY</b>				
													
					<a href="#">Data Sheet WRAS APPROVED</a>				<a href="#">Data Sheet</a>				
					<b>D 144 2 WAY</b>				<b>D 344 3 WAY</b>				
													
					<a href="#">Data Sheet</a>				<a href="#">Data Sheet</a>				
<b>Size</b>	<b>3/4"</b>	<b>1"</b>	<b>1.1/2"</b>	<b>2"</b>									
<b>Length (mm)</b>	110	110	160	170									
<b>H (mm)</b>	114	114	181	191									
<b>R (mm)</b>	22	22	35	38									
<b>W (mm)</b>	78	78	125	125									
<b>Weight (g)</b>	346	346	990	1080									
<b>Ref:15PK</b>		<b>Length</b>		<b>Price</b>		<b>Ref:</b>	<b>Size</b>	<b>Ways</b>	<b>Bore</b>	<b>Press</b>	<b>Kv</b>	<b>VaH</b>	<b>Price</b>
<b>Size</b>				<b>24AC/DC</b>	<b>110 AC</b>								
3/4"	112mm	£32.00	£65.00	<b>15P132</b>	1/2" BSP(M)	2	8mm	1.6 Bar	2	24	£140.00		
1"	112mm	£34.00	£65.00	<b>15P332</b>	1/2" BSP(M)*	3	8mm	0.8 Bar	1.4	24	£145.00		
1.1/2"	165mm	£77.00	£116.00	<b>15P144</b>	1/4" BSP(M)*	2	3mm	1.5 Bar	0.3	14	£110.00		
2"	175mm	£89.00	£126.00	<b>15P344</b>	1/4" BSP(M)*	3	3mm	1.5 Bar	0.3	14	£120.00		
3"	225mm	£355.00	(24v AC ONLY)	*For unidirectional use only. Clean fluids only to be used.									
Spare Coils - 12V AC/DC - 24 AC/DC / 110V				£33.00	-	Manual Override in design.							
N. Open version 1.5" & 2"				£150.00	-	½" = Body Length = 68mm.							
						PPO = Polyphenylene Oxide.							
<b>Power</b>					<b>Power</b>								
24v AC = 0.2A(0.4Inr) 12v DC = 0.5A*6.5w					240v AC, 110v AC must be earthed								
240v AC = 0.35 Inr. 24v DC = 0.3A*6.7w													

<b>Nylon Washing Machine Solenoid Valve</b>												
For water use only.					<b>REF : V907 / V917</b>				<b>Ref :24302</b>			
Pressure 0.2 - 10 Bar.												
Servo OEM Design In Line Spade Terminal 6.35 mm. BSP M.												
Beige - 240v AC												
6 w - 7.7 v A												
Yellow - 24v AC												
2.2 w - 4.6v A									<a href="#">Data Sheet</a>			
<b>Ref:</b>	<b>Inlet BSPM</b>	<b>Outlet</b>			<b>Solenoid Type</b>				<b>Price</b>			
15PV907	3/4"	13mm SINGLE HOSE			Single Solenoid Valve				£23.00			
15PV917	3/4"	13mm DOUBLE HOSE			Double Solenoid Valve				£24.00			
15M24302-03	3/8"	3/8" BSPM			Single Solenoid Valve (O.E.M. QTY Supply Product)				£21.00			
15M24302-05	1/2"	1/2" BSPM			Single Solenoid Valve (O.E.M. QTY Supply Product)				£21.00			
15M24302-07	3/4"	3/4" BSPM			Single Solenoid Valve (O.E.M. QTY Supply Product)				£21.00			
<b>Always State Pressure</b>												

**SOLENOID VALVE PLASTIC VERSION & METAL VERSION**

<b>METAL VERSIONS (BRASS &amp; SS) EARTHING - This must be done always with dangerous voltages.</b>													
<b>Application</b>													
Strainers must be used where there is any grit or dirt into the service. FPM seals & volts DC will reduce pressures.													
L180 is now L182 / L280: Water, Air, Oil (subject to seals). 2 / 2 way Aggressive Chemicals - Don't Use													
L316: Clean liquid use. Explosion types on special request.													
L178 / L127: Suitable to shut off liquid and gaseous fluids*.													
L133 / L377 / L113 / L153: Not suitable for use with dangerous fluids. they are free from CE marking in conformity with article 3 § 3 of the European Directive 97/23/EC (Pressure Equipment													
* (verify the compatibility of fluid with material in contact).													
MPM Size = ( 15MPMC20 = 20MM MPM CONNECTORS DIN - NARROW) ( 15MPMC30 = 30MM MPM CONNECTOR DIN - SQUARE) Spare MPM Connector <b>£2.50</b>													
<b>Specification</b>					<b>Ends</b> : BSP female threaded.								
<b>Body</b> : Brass (SS - see type 316).					<b>Seal</b> : Nitrile Std ( FPM Special ).								
<b>Terminations</b> : IP65 MPM (DIN Connector) Free MPM Supplied.					<b>Temperature</b> : Std. Buna < 85 C. FPM < 125 C.								
<b>Voltage</b> : 12v DC, 24v AC, 240v AC,110v AC. Spare Coil <b>£29.00</b>					<b>Pressure</b> : Servo 0.3 min - 10.0 max Bars. (bars) (w.n.s)								
	<b>L 180 (L182)</b>		<b>L 316</b>		<b>L 280 (L282)</b>		<b>L133 / L121</b>		<b>G356 / L339</b>		<b>L113</b>		
													
	<a href="#">Data Sheet L180</a>		<a href="#">Data Sheet L182</a>		<a href="#">Data Sheet 316</a>		<a href="#">Data Sheets</a>		<a href="#">Data Sheets</a>		<a href="#">Data Sheet L113</a>		
<b>BSP F</b>	Servo		Servo		Servo		Direct Acting		Dir. Act N.C		LOW		
	Normally Close		Normally Close		Normally Open		Normally Close		Exhausting		PRESSURE		
<b>Pressure Bar</b>	0.3 - 10		0.5 - 12		0.3 - 10		See Table Below		0 - 10		0 - 3		
<b>Body</b>	Brass + Buna		SS 316+EPDM		Brass + Buna		Brass + Buna		Brass + Buna		Brass + Buna		
<b>Size</b>	Ref : 15ML180..(L182)		Ref : 15ML316..		Ref : 15ML280..(L282)		Ref : 15M..		Ref : 15M..		Ref : 15ML113..		
<b>1/8"</b>	0	Leng	xKv	0	0	0	TBA L178		£55.00	G356	-		
<b>1/4"</b>	0	< mm	0	£122.00 D *	0	£43.00	L121	£91.00	L339	-			
<b>3/8"</b>	£66.00	53	1.7	£195.00 D *	£72.00	£69.00	L133a	-		-			
<b>1/2"</b>	£68.00	56	2.1	£198.00	£84.00	£72.00	L133b	-		£125.00			
<b>3/4"</b>	£85.00	74	5	£220.00	£105.00	£97.00	L133c	-		£139.00			
<b>1"</b>	£131.00	99	11	£262.00	£149.00	£147.00	L133d	-		-			
<b>1.1/4"</b>	£265.00	113	15	£365.00	£285.00	Brass Body + BSP		Brass Body + BSP		Brass Body + BSP			
<b>1.1/2"</b>	£319.00	140	27	£455.00	£315.00	Pressure see Orifice Size:		Pressure see Orifice		Pressure see Orifice			
<b>2"</b>	£399.00	145	34	£585.00	£350.00	L178 - 2mm - 0-15 Bar		Size:		Size:			
<b>3"</b>	£796.00	250	83	TBA	TBA	L121 - 3mm - 0-10 Bar		1/8" BSP = 1.6 mm		1/2" BSP = 12 mm			
<b>Important information</b>				( D ) = Direct Acting				L133a - 10mm - 0-10 Bar		1/4" BSP = 2.3 mm		3/4" BSP = 19 mm	
								L133b - 12mm - 0-10 Bar		Pressure = 8 Bar			
								L133c - 17mm - 0-10 Bar		For S.A.Cylinds /			
								L133d - 22 mm - 0-10 Bar		Actuators. MPM 122			
								DC = 30% Pressure					

<b>Steam Solenoid Valve (L145)</b>											
<b>Application</b> : Suitable to shut off liquid and gaseous fluids; particularly suitable to shut off overheated water and steam (verify the compatibility of fluid with materials in contact).											
<b>Specification</b> :					<b>Ends</b> : BSP female threaded.						
<b>Body</b> : Brass					<b>Seal</b> : Reinforced PTFE (Polytetrafluorethylene).						
<b>Pressure</b> : 0.3 min - 8 max Bars. (bars)					<b>Temperature</b> : -10°C to + 80°C						
<b>Voltage</b> : 12v DC, 24v AC, 240v AC,110v AC.					<a href="#">Data Sheet L145</a>						
	<b>L145</b>			<b>L145</b>			<b>L145</b>				
<b>Side View</b>				<b>Internal View</b>				<b>End View</b>			
<b>Size</b>	<b>Ref</b>	<b>Length..</b>	<b>KV</b>	<b>Bore</b>	<b>Pressure</b>	<b>AC</b>	<b>Gms</b>	<b>Price</b>			
3/8"	15M145..	80 mm	2	10mm	8 Bar	V	36	£119.00			
1/2"	15M145..	85 mm	2	10mm	8 Bar	V	39	£121.00			
3/4"	15M145..	79 mm	6	16mm	8 Bar	V	58	£147.00			
1"	15M145..	105 mm	9	18mm	8 Bar	V	131	£206.00			
PTFE dia. min press 0.4 bar Max 170°C. (L153 140°C types also) Only AC voltages. 5/2 Way Type 1/4" BSP All Voltages									£76.00		
<b>Always State Pressure</b>											