

**SOLENOID VALVES  
WATER - AIR - OIL - STEAM**

**PM..**

These 2 way solenoid valves can be used in a wide range of applications to control various fluids.



V = Viton - water, air, steam, diesel, oil 2°E 55sec.  
 N = Nitrile - water, air, diesel, oil 2°E 55 sec.  
 H = Ethylene propylene - water, air, steam.  
 NC = Normally closed - Energise to open.  
 NO = Normally open - Energise to close.

Max ambient 50°C  
 Body material = Brass  
 Response time approx 20 ms  
 Protection IP65  
**ORDER VALVE + COIL**  
 Max. 60 operations per hour  
 In wet areas protect the coil from ingress between the coil & spindle but allow ventilation to prevent the coil overheating.

Type	Size BSP	Operation	Kvs m³/h	Min Operating Press Bar	Max Diff Press Bar	Max Steam Press Bar	Media Temp °C	Consumption Watts
PM-123AV	½"	NC	2.4	0	5	4	-10/+140	12
PM-123CV	¾"	NC	6	0	3	-	-10/+140	16
PM-123DV	1"	NC	7	0	3	-	-10/+140	16
PM-133AH	½"	NC	3	0.1	10	4	-10/+140	8
PM-133CH	¾"	NC	8.4	0.1	10	4	-10/+140	8
PM-133DH	1"	NC	9.6	0.1	10	4	-10/+140	8
PM-133-2EH	1¼"	NC	25	0.1	10	4	-10/+140	8
PM-133-2FH	1½"	NC	30	0.1	10	4	-10/+140	8
PM-133GH	2"	NC	37	0.1	10	4	-10/+140	8
PM-133AN	½"	NC	3	0.1	20	-	-10/+90	8
PM-133CN	¾"	NC	8.4	0.1	20	-	-10/+90	8
PM-133DN	1"	NC	9.6	0.1	20	-	-10/+90	8
PM-133-2EN	1¼"	NC	25	0.1	10	-	-10/+90	8
PM-133-2FN	1½"	NC	30	0.1	10	-	-10/+90	8
PM-133GN	2"	NC	37	0.1	10	-	-10/+90	8
PM-143AN	½"	NO	3	0.1	20	-	-10/+90	8
PM-143CN	¾"	NO	8.4	0.1	20	-	-10/+90	8
PM-143DN	1"	NO	9.6	0.1	20	-	-10/+90	8
PM-143-2EN	1¼"	NO	25	0.1	10	-	-10/+90	8
PM-143-2FN	1½"	NO	30	0.1	10	-	-10/+90	8
PM-143GN	2"	NO	37	0.1	10	-	-10/+90	8

PM-133.. / PM-143.. REQUIRE INLET PRESSURE 0.1 BAR HIGHER THAN THE OUTLET PRESSURE TO OPERATE THE VALVE.

SELECT COIL REQUIRED:	PM-123AV PM-123CV & PM-123DV PM-143 & PM-133	ZB09/ 230VAC JB14/ 230VAC 481865 / 230VAC	ZB09/ 24VAC JB14/ 24VAC 481865 / 24VAC	ZB09/ 110VAC	ZB12/ 24VDC
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**DIMENSIONS:**

**PM-123..**

**PM-133.. / PM-143..**

Ensure that the arrow on the body points in the direction of flow.  
 Install the valve with the coil vertical

	A	B	C		A	B	C		A	B	C
<b>PM-123..</b>				<b>PM-133..</b>				<b>PM-143..</b>			
AV	72	85	40	AH / AN	72	101	40	AN	72	112	40
CV	100	120	65	CH / CN	100	107	65	CN	100	117	65
DV	104	125	65	DH / DN	104	112	65	DN	104	123	65
				2EH / 2EN	145	134	102	2EN	145	144	102
				2FH / 2FN	145	134	102	2FN	145	144	102
				GH / GN	173	148	118	GN	173	158	118

**WIRING:** Earth, Neutral, Live via DIN plug.

**NOTE :** Do not power the coil until it is tightened as it will OVERHEAT