

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

ORDER VALVE + COIL

Body material = Brass

Max. 60 operations per hour

Response time approx 20 ms

Protection IP65

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

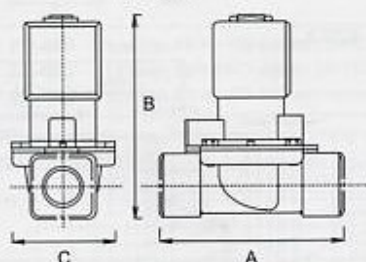
481865 / 24VAC

ZB09/ 110VAC

ZB12/ 24VDC

DIMENSIONS:

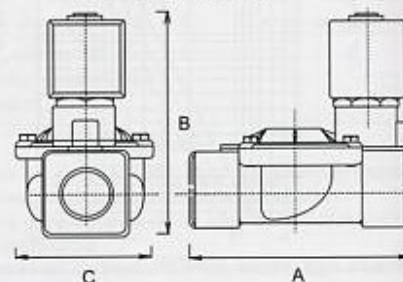
PM-123..



Ensure that the arrow on the body points in the direction of flow.

Install the valve with the coil vertical

PM-133.. / PM-143..



PM-123..	A	B	C
AV	72	85	40
CV	100	120	65
DV	104	125	65

PM-133..	A	B	C
AH / AN	72	101	40
CH / CN	100	107	65
DH / DN	104	112	65
2EH / 2EN	145	134	102
2FH / 2FN	145	134	102
GH / GN	173	148	118

PM-143..	A	B	C
AN	72	112	40
CN	100	117	65
DN	104	123	65
2EN	145	144	102
2FN	145	144	102
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