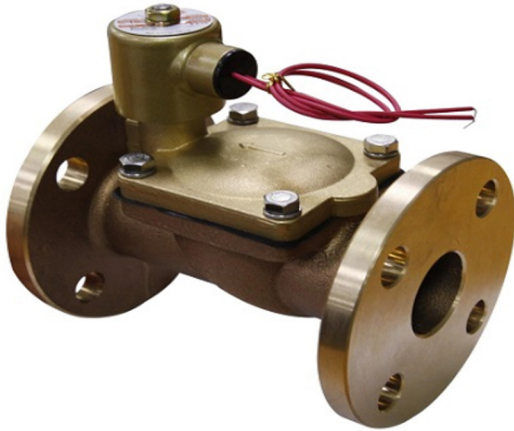


DWLN Series

Noise Reduction Valve

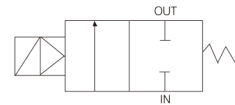
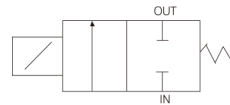


- Protective structure of metal noise
- Variable mounting available
- Coil protective structure
- Rectifier for AC voltage

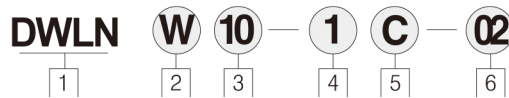
Symbol

Direct acting type

Pilot type



How to order



1 DWLN Noise reduction series

2 Fluid

W : Water, Air
S : Steam

3 Orifice size

01 : Ø1
02 : Ø2
03 : Ø3
04 : Ø4
05 : Ø5
10 : Ø10
15 : Ø15
20 : Ø20
25 : Ø25
32 : Ø32
40 : Ø40
50 : Ø50

4 Voltage

1 : AC110V, 50/Hz
AC100V, 50/60Hz
2 : AC220V, 50/60Hz
AC220V, 60Hz
5 : DC24V
9 : DC12V

5 Electrical entry

C : Console Box Type
G : Grommet Type

6 Port size

02 : PT 1/4
03 : PT 3/8
04 : PT 1/2
06 : PT 3/4
10 : PT 1
12 : PT 1/4
14 : PT 1 1/2
20 : PT 2

DWLN Series

■ Caution

Be sure to have a full understanding before use and refer to safety cautions and common cautions.

Piping

⚠ Caution

- For steam use, fitting and tube should be heat-resistant type. (Insertion Fitting, Teflon tube etc)

Specifications

Fluid	Air, Water, Oil	
Fluid temperature	0-60°C	
Ambient temperature	50°C (MAX)	
Operating pressure range	Ø1	0-15kgf/cm ²
	Ø2	0-10kgf/cm ²
	Ø3	0-7kgf/cm ²
	Ø4	0-4kgf/cm ²
	ØE	0-3kgf/cm ²
	Ø10-Ø50	0.3-10kgf/cm ²
Body material	BRASS	
Power consumption	AC, DC : 14W	
Voltage compensation rate	±10%(AC), ±5%(DC)	
Seal	NBR + SUS 304 PISTON	

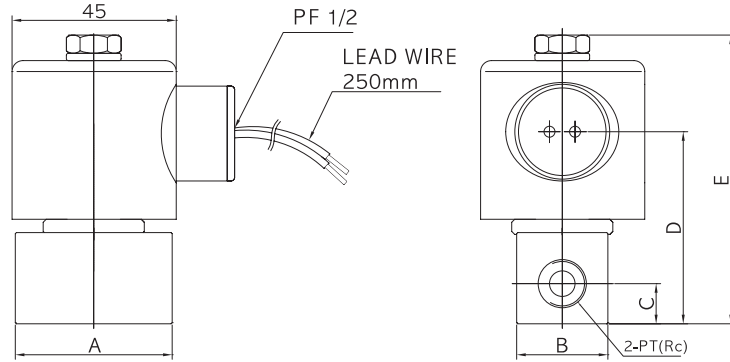
Weight

Orifice size	Port size	For water & Air type	For steam type (S)
Ø1	PT 1/4	0.5kg	0.5kg
Ø2	PT 1/4	0.5kg	0.5kg
Ø3	PT 1/4	0.5kg	0.5kg
Ø4	PT 1/4	0.5kg	0.5kg
Ø5	PT 1/4	0.5kg	0.5kg
Ø10	PT 3/8	0.5kg	
Ø15	PT 1/2	0.8kg	0.9kg
Ø20	PT 3/4	1.2kg	1.55kg
Ø25	PT 1	1.3kg	1.57kg
Ø32	PT 1 1/4	2.2kg	2.55kg
Ø40	PT 1 1/2	2.5kg	2.75kg
Ø50	PT 2	3.6kg	3.92kg

Noise Reduction Valve DWLN Series

Direct acting type

DWLNW / DWLNS

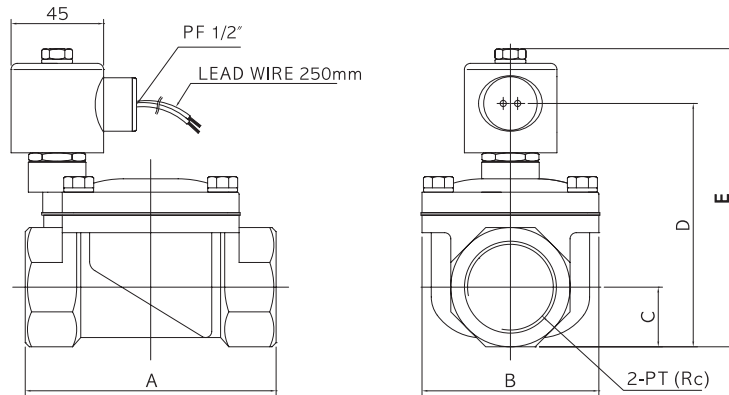


Orifice size	Port size	A	B	C	D	E
Ø1	PT1/4	43	25	11	52.7	79.2
Ø2	PT1/4	43	25	11	52.7	79.2
Ø3	PT1/4	43	25	11	52.7	79.2
Ø4	PT1/4	43	25	11	52.7	79.2
Ø5	PT1/4	43	25	11	52.7	79.2

DWLN Series

Pilot type

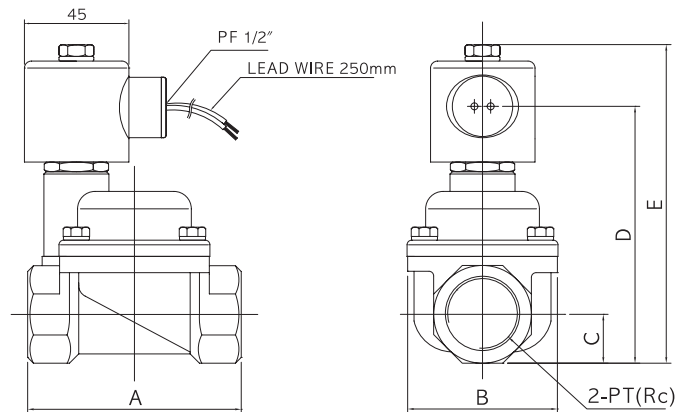
DWLNW



Orifice size	Port size	A	B	C	D	E
Ø10	PT3/8	55	40	11	72	96
Ø15	PT 1/2	66	50	14.5	82	108.5
Ø20	PT 3/4	92	65.5	18	88	114
Ø25	PT 1	92	64.5	21	95	121
Ø32	PT 1 1/4	122	86	26	112	139
Ø40	PT 1 1/2	122	86	29	118	145
Ø50	PT 2	140	100	36	133	160

Pilot type

DWLN5



Orifice size	Port size	A	B	C	D	E
Ø15	PT1/2	66	50	14	95	122
Ø20	PT3/4	92	65.5	18	88	114
Ø25	PT1	92	64.5	21	95	121
Ø32	PT1 1/4	122	86	26	112	139
Ø40	PT1 1/2	122	86	29	118	145
Ø50	PT2	140	100	36	133	160