

5/2 Directional Solenoid Valves

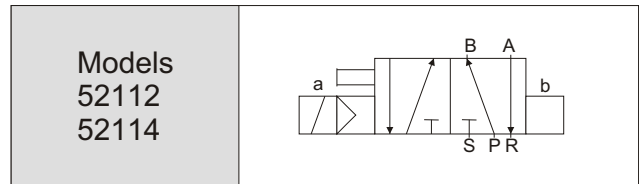
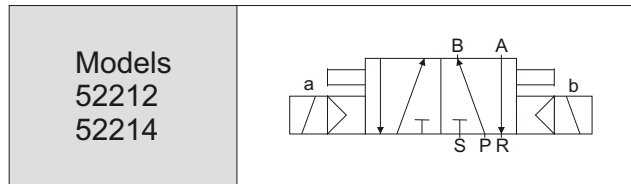
- **PORT SIZE: 1/4" & 1/2"**
- **SOLENOID PILOT OPERATED**
- **UP TO 150 PSI (10 BAR) OPERATING PRESSURE**
- **SPOOL WITH PRESSURE ENERGIZED SOFT SEALS**

DESCRIPTION

Indumart 5-port, 2-position Directional Solenoid Valves are suitable for controlling compressed air flow into cylinders or actuators. Flow direction is determined and the temperature of air may vary between -10 and + 60°C (14 to 140°F).

Due to the T-ring system, the valve is compact, easy to service, uncomplicated and yet the most efficient design available. Manual override is standard.

The Indumart Directional Solenoid Valves are the top choice for multi-port control valve applications, due to their robust aluminum body, integrated sound absorption system which eliminates objectionable air noise, and their straight thru flow paths; assuring high flow rates and fast response time.



Models 52212 & 52214		Dimensions (mm)			Models 52112 52114		
Model	a	b	c	Model	a	b	c
52112	190	83	35	52112	190	83	35
52114	157	83	30	52114	157	83	30
52212	260	83	35				
52214	251	83	30				

Model	Port Size	Nominal Size (mm)	Flow Rate QN (l/min)	Operating Pressure		Approximate Switching Time (ms)	Weight (kg)	Solenoid	
				psi	(bar)			Model	Voltage
52114	1/4"	7	1200	15 (1)	150 (10)	20	0.55	2D012	12 VDC / 24 VAC
52112	1/2"	12	3000	15 (1)	150 (10)	25	0.83	2D024	24 VDC / 48 VAC
52214	1/4"	7	1200	15 (1)	150 (10)	15	0.90	2D060	60 VDC / 110 VAC
52212	1/2"	12	3000	15 (1)	150 (10)	20	1.30	2D110	110 VDC / 220 VAC

Please specify one of following solenoid models in your order.

Power Consumption:
DC¹⁾ **AC** **50/60 Hz**
 4.5W 4.6/3.5 VA

Ambient Temperature: -15...+50°C
 Max. Temperature Sum: 100°C²⁾
 Degree of Protection: IP65

1) 24 VDC solenoid with 1.9W power consumption is also available as option. Maximum pressure will change to 120 psi (8 bar).
 2) Refers to the sum of fluid temperature and ambient temperature which must not be exceeded.