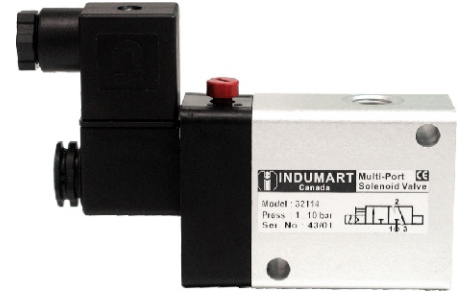


- **PORT SIZE: 1/4" & 1/2"**
- **SOLENOID PILOT OPERATED**
- **UP TO 150 PSI (10 BAR) OPERATING PRESSURE**
- **SPOOL WITH PRESSURE ENERGIZED SOFT SEALS**

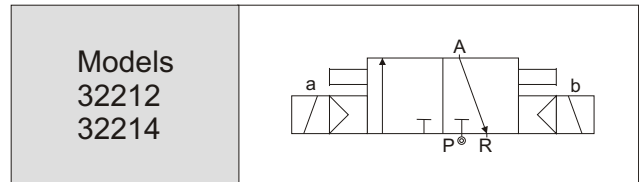
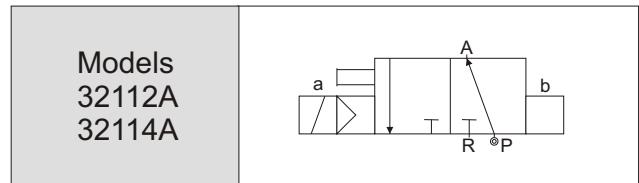
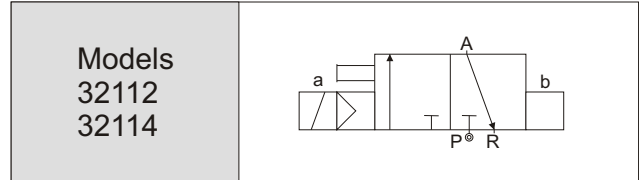


## DESCRIPTION

Indumart 3-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 32214 & 32212		Dimensions (mm)			Models 32112, 32114, 32112A, 32114A		
Model	a	b	c	Model	a	b	c
32112	162	83	35	32112	162	83	35
32114	134	83	30	32114	134	83	30
32112A	162	83	35	32112A	162	83	35
32114A	134	83	30	32114A	134	83	30
32212	232	83	35				
32214	223	83	30				

Model	Port Size	Nominal Size (mm)	Flow Rate QN (l/min)	Operating Pressure psi (bar)		Approximate Switching Time (ms)	Weight (kg)	Solenoid	
				min	max			Model	Voltage
32114	1/4"	7	1200	15 (1)	150 (10)	20	0.40	2D012	12 VDC / 24 VAC
32112	1/2"	12	3000	15 (1)	150 (10)	25	0.70	2D024	24 VDC / 48 VAC
32114A	1/4"	7	1200	15 (1)	150 (10)	20	0.40	2D060	60 VDC / 110 VAC
32112A	1/2"	12	3000	15 (1)	150 (10)	25	0.70	2D110	110 VDC / 220 VAC
32214	1/4"	7	1200	15 (1)	150 (10)	15	0.77	Please specify one of the above solenoid models in your order.	
32212	1/2"	12	3000	15 (1)	150 (10)	20	0.90	50/60 Hz	
								Power Consumption: DC <sup>1)</sup> AC 4.5W 4.6/3.5 VA	
								Ambient Temperature: -15...+50°C Max. Temperature Sum: 100°C <sup>2)</sup> 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.