

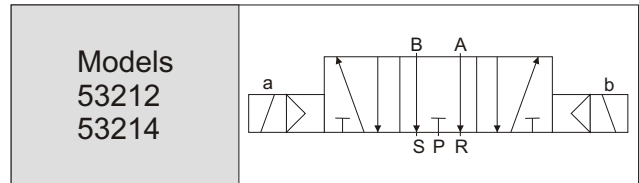
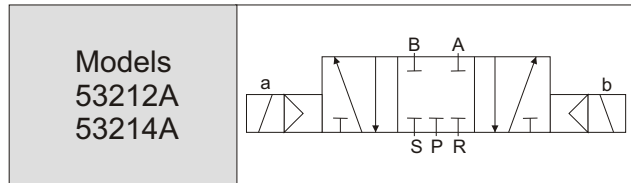
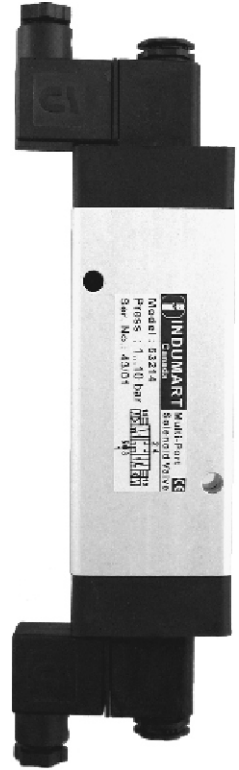
- **PORT SIZE: 1/4" & 1/2"**
- **SOLENOID PILOT OPERATED**
- **UP TO 150 PSI (10 BAR) OPERATING PRESSURE**
- **SPOOL WITH PRESSURE ENERGIZED SOFT SEALS**

Description

Indumart 5-port, 3-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.



| Dimensions (mm) | Model | a | b | c |
|-----------------|--------|-----|----|----|
| | 53212 | 325 | 83 | 40 |
| | 53214 | 272 | 83 | 30 |
| | 53212A | 325 | 83 | 40 |
| | 53214A | 272 | 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 |
| 53214 | 1/4" | 7 | 900 | 15 (1) | 150 (10) | 30 | 1.0 | 2D012 | 12 VDC / 24 VAC |
| 53212 | 1/2" | 12 | 2000 | 15 (1) | 150 (10) | 55 | 1.6 | 2D024 | 24 VDC / 48 VAC |
| 53214A | 1/4" | 7 | 900 | 15 (1) | 150 (10) | 30 | 1.0 | 2D060 | 60 VDC / 110 VAC |
| | | | | | | | | 2D110 | 110 VDC / 220 VAC |
| 53212A | 1/2" | 12 | 2000 | 15 (1) | 150 (10) | 55 | 1.6 | Power Consumption: DC ¹⁾ AC [50/60 Hz] 4.5W 4.6/3.5 VA Ambient Temperature: -15...+50°C Max. Temperature Sum: 100°C ²⁾ Degree of Protection: IP65 | |

1) 24 VDC solenoid with 1.9W power consumption is also available for 1/4" port size valves only.
 2) Refers to the sum of fluid temperature and ambient temperature which must not be exceeded.