

Section F

**F**



Features & Ordering Information ..... 80  
Ordering Information ..... 81

## International Inline Valves

- 1/8", 1/4", 1/2" Ports
- 3 & 5-Port, 2 & 3-Position
- Dry, Non-lubricated or Lubricated Air Supply
- Robust Design



### Material Specifications

Body ..... Aluminium  
 Seals ..... Polyurethane - 1/8" & 1/4", Nitrile - 1/2"  
 Spool ..... Nickel-plated Aluminium

### Valve Specifications

**Air Condition:**

Filtered, regulated, non-lubricated, lubricated or dry

**Flow Rate at 6 bar:**

1/8" Valves 14dm<sup>3</sup>/sec (30 SCFM)

1/4" Valves 28dm<sup>3</sup>/sec (59 SCFM)

1/2" Valves 98dm<sup>3</sup>/sec (208 SCFM)

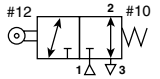
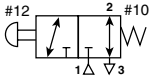
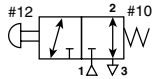
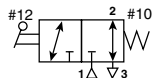
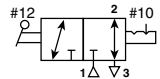
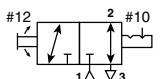
**Maximum Operating Pressure:**

10 bar (145 PSIG)

**Operating Temperature Range:**

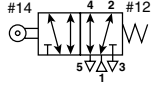
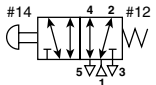
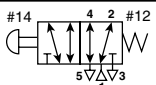
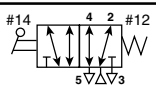
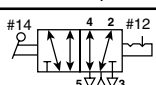
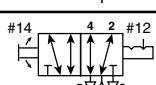
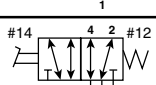
-20°C to 70°C (-4°F to 158°F)

### 3/2 Valves

Valve Type			Valve Size		
			1/8	1/4	1/2
 Roller - Spring	BSP	8L301-372	8L302-372	—	
	NPT	8M301.372	8M302.372	—	
 Push-button - Spring	BSP	8L301-302*	8L302-302*	—	
	NPT	8M301.302*	8M302.302*	—	
 Palm-Button - Spring	BSP	8L301-312*	8L302-312*	—	
	NPT	8M301.312*	8M302.312*	—	
 Lever - Spring	BSP	—	8L302-202	—	
	NPT	—	8M302.202	—	
 Lever - Detent	BSP	8L301-204	8L302-204	8L304-204	
	NPT	8M301.204	8M302.204	8M304.204	
 Twist - Detent	BSP	—	8L302-254	—	
	NPT	—	8M302.254	—	

\* Replace asterisk with appropriate button reference color letter: B-Black, G-Green, R-Red.

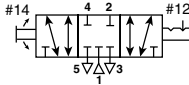
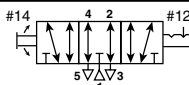
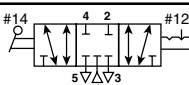
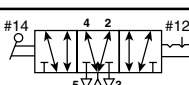
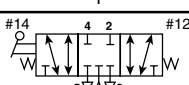
## 5/2 Valves

Valve Type		Valve Size		
		1/8	1/4	1/2
 Roller - Spring	BSP	8L501-372	8L502-372	—
	NPT	8M501.372	8M502.372	—
 Push-button - Spring	BSP	8L501-302*	8L502-302*	—
	NPT	8M501.302*	8M502.302*	—
 Palm-button - Spring	BSP	8L501-312*	8L502-312*	—
	NPT	8M501.312*	8M502.312*	—
 Lever - Spring	BSP	—	8L502-202	—
	NPT	—	8M502.202	—
 Lever - Detent	BSP	8L501-204	8L502-204	8L504-204
	NPT	8M501.204	8M502.204	8M504.204
 Twist - Detent	BSP	—	8L502-254	—
	NPT	—	8M502.254	—
 Foot - Spring	BSP	—	8L512-382	—
	NPT	—	8M512.382	—

\* Replace asterisk with appropriate button reference color letter: B-Black, G-Green, R-Red.

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## 5/3 Valves

Valve Type		Valve Size		
		1/4		
 Twist - Detent (APB) (Pressure Held)	BSP	8L502-264		
	NPT	8M502.264		
 Twist - Detent (CE) (Pressure Exhaust)	BSP	8L502-274		
	NPT	8M502.274		
 Lever - Detent (APB) (Pressure Held)	BSP	8L502-224		
	NPT	8M502.224		
 Lever - Detent (CE) (Pressure Applied)	BSP	8L502-235		
	NPT	8M502.235		
 Lever - Spring (APB) (Pressure Held)	BSP	8L502-225		
	NPT	8M502.225		