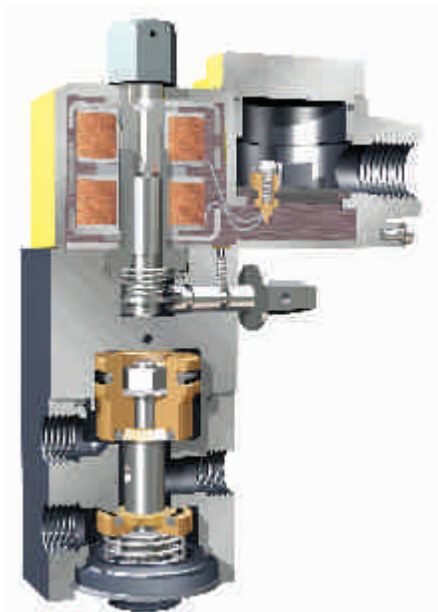


## LATCHED SOLENOID VALVE

### WORKING PRINCIPLE



### FEATURES

- Continuous duty
- Suitable to operate in high temperature zone (near boiler)
- Ex d version available
- Valves provided with Manual override for latch as detail manually
- In most valve, the valve can be latched manually by turning knob anticlockwise and delatch the valve by turning knob clockwise.
- In normal condition Manual Override knob has to be maintained in horizontal position
- Wide range of 2, 3, 5 port Direct/ Pilot operated Valves can be supplied
- Two wire latch coil can also be supplied (Require reversal of power supply for changing valve Position)

Contact Rotex in case it valve required by you is not found in this chapter

### AMBIENT AND FLUID TEMPERATURE

-20 °C to 80 °C

### MEDIA

Air, Inert Gases

### APPLICATION

2, 3 or 5 port single solenoid valve required to retain position in case of power failure

**LATCHED SOLENOID VALVE**



2/2 Internal Pilot Operated Valve  
Type : 24102LC, L2005



3/2 Directing Acting Normally Closed  
Type : L3009  
Type : 30125LC



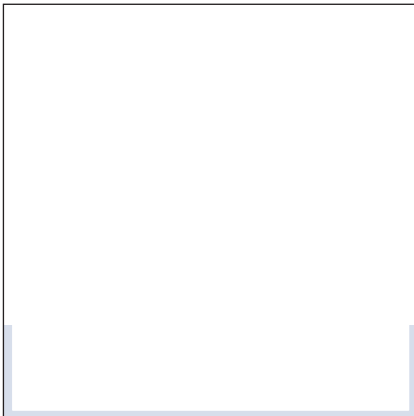
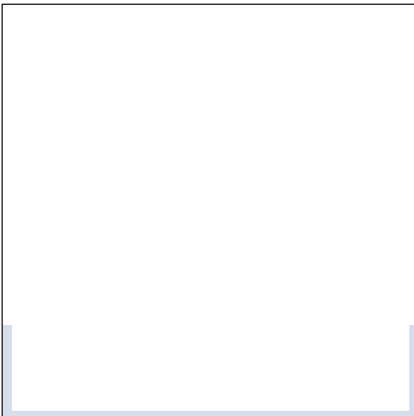
3/2 IPO Normally Closed/  
Normally Open  
Type : L3012



3/2 Universal Internal/ External Valve  
Type : L3024



3/2 IPO Normally Closed/  
Normally Open  
Type : L3012



5/2 Single Solenoid Valve  
Type : L5006

Contact Rotex for  
 • Any other ambient, fluid temperature, media and application  
 • UL listed, Listed general purpose Valve

Select solenoid with special version LC  
 OIL Media Temperature Restricted from 0 °C to 100 °C



**LATCHED SOLENOID VALVE**

**SPECIFICATION**

PORT CONNECTION			PRE-SSURE bar		ORIFICE (mm)	FLOW FACTOR kv (LPM OF WATER @ 1 bar ΔP)	VALVE TYPE	PILOT PRESSURE	BODY MATERIAL AND INTERNALS					SEALS					MANUAL OVERRIDE		SOLENOID ENCLOSURE				SUFFIX		POWER VA		CONSTRUCTION REFERENCE NUMBER
SIZE	BSP(F)	NPT(F)	MINIMUM	MAXIMUM					ALUMINIUM	ALUMINIUM + SS	BRASS	SS 316	NBR	Viton	EPDM	PTFE+Viton	F. Silicon	NIL	STAYPUT CUM MOMENTARY	FLYING LEAD	PLUG IN, IP67	SQ. PLUG IN, IP67	TERMINAL BOX IP67	EXPLOSION PROOF IIC, IP67	IS WITH CIRCUIT Exia IIC T6, IP 67	SOLENOID SIZE	OXYGEN	AMMONIA	

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**3/2 NORMALLY CLOSED**

1/4"	2G	2R	0	20	1.2	0.7	L3009	*	B2	B5	*	S2	S1	S8	S19	*										T	E	14	✓	✓	13	13	13	1022	
			0	15	1.6	1.4	L3009	*	B2	B5	*	S2	S1	S8	S19	*											T	E	14	✓	✓	13	13	13	1022
			0	10	1.8	1.8	L3009	*	B2	B5	*	S2	S1	S8	S19	*											T	E	14	✓	✓	13	13	13	1022
			0	6	2.5	3.5	L3009	*	B2	B5	*	S2	S1	S8	S19	*											T	E	14	✓	✓	13	13	13	1022
1/4"	2G	2R	0	8	2.2	2.5	30125LC	*	B2	B5	*	S2	S1	S8	S19	*									T	E	14	✓	✓	13	13	13	1022		
1/4"	2G	2R	2	10	7	18	L3012		B2	B5	*	S2			S19	*									T	E	14		✓	13	13	13	918		
			2	10	10	38	L3012	*		B5	*	S2			S19	*									T	E	14		✓	13	13	13	919		
3/8"	3G	3R	2	10	10	38	L3012V01		B17		*	S2			S19	*								T	E	14		✓	13	13	13				

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**3/2 NORMALLY OPEN**

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Cable Entry	T	E	
	Öc/A	Öc/A	Öc/A
M20 x 1.5	FJ	HU	iiTÜ
M25 x 1.5		ii	iiSVTÜ
1/2" NPT	Fí	Hí	iiÞÜ

\* = Do not specify when opted for. Refer Page # 22 for Value of \*  
✓ = Options available



