



Next Generation Valves

- Electronically enhanced, low power
- General purpose 2-way normally closed solenoid valves
- Available in brass and stainless steel
- For the On/Off control of air, water and light oils

Features:

- Voltage ranging designs capable of multiple voltages in AC or DC
- Built-in surge suppression
- Elimination of noise from AC hum
- Low solenoid heat rise, and longer solenoid life



TLY504

NEXT GENERATION DIRECT ACTING & PILOT OPERATED NORMALLY CLOSED 2-WAY SOLENOID VALVES (1/4" TO 2")



Pipe Size"	Orifice Dia."	CV Flow	Operating Pressure Differential (PSI)				Voltage Range (AC or DC)				Voltage Range (DC only)		Price /Each
			Min.	Max.			100-240 Model No.	Mfg. No.	24-99 Model No.	Mfg. No.	12-24 Model No.	Mfg. No.	
				Air-Inert Gas	Water	Light Oil							
BRASS BODY - MAX FLUID TEMP 180° F - WATT RATING 2													
1/4	5/32	0.47	0	290	250	250	TLY526	262202RV1	TLY527	262202RV2	TLY528	262202RV3	
1/4	9/32	0.96	0	90	85	80	TLY529	262212RV1	TLY530	262212RV2	TLY531	262212RV3	
3/8	5/8	3	0	150	150	-	TLY504	210093PV1	TLY505	210093PV2	TLY506	210093PV3	
1/2	5/8	4	0	150	150	-	TLY507	210094PV1	TLY508	210094PV2	TLY509	210094PV3	
3/4	3/4	5	0	150	150	-	TLY510	210095PV1	TLY511	210095PV2	TLY512	210095PV3	
1	1	13	5	150	150	100	TLY489	210004PV1	TLY490	210004PV2	TLY491	210004PV3	
1 1/4	1 1/8	15	5	150	150	100	TLY492	210008PV1	TLY493	210008PV2	TLY494	210008PV3	
1 1/2	1 1/4	22.5	5	150	150	100	TLY495	210022PV1	TLY496	210022PV2	TLY497	210022PV3	
2	1 3/4	43	5	150	125	90	TLY513	210100PV1	TLY514	210100PV2	TLY515	210100PV3	
STAINLESS STEEL - MAX FLUID TEMP 180° F - WATT RATING 2													
1/4	5/32	0.47	0	290	250	250	TLY532	262220RV1	TLY533	262220RV2	TLY534	262220RV3	
1/4	9/32	0.96	0	90	85	80	TLY535	262230RV1	TLY536	262230RV2	TLY537	262230RV3	
1/2	5/8	4	0	150	150	125	TLY498	210087PV1	TLY499	210087PV2	TLY500	210087PV3	
3/4	5/8	4.5	0	150	150	125	TLY501	210088PV1	TLY502	210088PV2	TLY503	210088PV3	

Piston Valves

- Air-actuated 2-way normally closed angle bodied piston valves
- For the On/Off control of air, water, steam, oil & light slurries

Features:

- Direct acting high flow design
- Long cycle life
- Valve required 3-way pilot valves to actuate



TLY544

AIR ACTUATED 2-WAY PISTON VALVES (3/8" TO 2")



Pipe Size"	Orifice Dia."	CV Flow	Operating Pressure Differential (PSI)			Max. Fluid Temp. °F	Bronze Model No.	Mfg. No.	Price /Each	Stainless Steel Model No.	Mfg. No.	Price /Each
			Min.	Max.								
				Fluids	Steam							
3/8	3/8	2.3	0	240	150	366	-	-	-	TLY544	8290A791	
1/2	1/2	4.1	0	180	150	366	-	-	-	TLY545	8290A792	
3/4	3/4	7.6	0	90	90	366	-	-	-	TLY546	8290A793	
1/2	1/2	5.7	0	240	150	366	TLY547	8290B002		TLY550	8290B045	
3/4	3/4	11	0	240	150	366	TLY548	8290B005		TLY551	8290B048	
1	1	19	0	150	150	366	TLY549	8290B010		TLY552	8290B053	
1 1/4	1 1/4	32	0	90	90	366	TLY538	8290A016		TLY541	8290A059	
1 1/2	1 1/2	52	0	60	60	366	TLY539	8290A020		TLY542	8290A063	
2	2	68	0	40	40	366	TLY540	8290A024		TLY543	8290A067	

Note: For pilot valve use TLY553 8320G130 120/60 (direct acting normally closed 3-way valve).

3-Way Direct Acting Universal Solenoid Valves

- Available as general purpose or explosion proof
- Available in brass and stainless steel
- Valves used for the pilot operation of actuators in process controls or fluid power

Features:

- All ports in the valve body for easy in-line piping
- No operating pressure differential required
- Mountable in any position
- Pressure at any port



TLY553

3-WAY NORMALLY CLOSED DIRECT ACTING SOLENOID VALVES (1/8" - 1/4")



Pipe Size"	Orifice Dia."	CV Flow	Operating Pressure Differential (PSI)				Max. Fluid Temp. °F	Watt Rating	General purpose 120/60*, 110/50			Explosion proof 120/60*, 110/50		
			Min.	Max.					Model No.	Mfg. No.	Price /Each	Model No.	Mfg. No.	Price /Each
				Air-Inert Gas	Water	Light Oil								
BRASS BODY														
1/8	3/64	0.06	0	175	175	175	140	9.1	TLY553	8320G130		TLY598	EF8320G130	
1/4	3/32	0.12	0	100	100	100	200	17.1	TLY554	8320G174		TLY599	EF8320G174	
1/4	1/8	0.25	0	50	50	50	200	17.1	TLY555	8320G176		TLY600	EF8320G176	
STAINLESS STEEL BODY														
1/4	3/32	0.12	0	100	100	100	200	17.1	TLY556	8320G200		TLY601	EF8320G200	
1/4	1/4	0.25	0	50	50	50	200	17.1	TLY557	8320G201		TLY602	EF8320G201	

* For voltages other than 120/60, please see Red Hat Next Generation voltage ranging design (General Purpose only).