

**Solenoid Valves**

**Features/Specifications:**

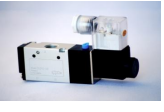
**Pilot type:** Direct & Solenoid  
**Mount:** Inline or Manifold  
**Wiring:** DIN Connector with LED  
**Insulation:** F Class  
**Water/Dust Protection:** I65  
**Override:** Manual, Locking (3V, 4V Series)  
**Pressure:** 22 - 116 PSI (1.5 - 8 Bar)  
**Temperature:** -5 to +50°C (41 - 122°F)  
**Voltage Tolerance:** ±10% of Rated Voltage  
**Highest Action Frequency:** 6 cycles/sec



Model	Description	Connection	Voltage	Flow (Cv)
2V025-06-DC12	2 Way Valve 1/8" NPT	DIN Connector	DC 12V	0.23
2V025-06-DC24	2 Way Valve 1/8" NPT	DIN Connector	DC 24V	0.23
2V025-06-AC24	2 Way Valve 1/8" NPT	DIN Connector	AC 24V	0.23
2V025-06-AC110	2 Way Valve 1/8" NPT	DIN Connector	AC 110V	0.23
2V025-06-AC220	2 Way Valve 1/8" NPT	DIN Connector	AC 220V	0.23
2V025-06-DC12W	2 Way Valve 1/8" NPT	Wire Leads	DC 12V	0.23
2V025-06-DC24W	2 Way Valve 1/8" NPT	Wire Leads	DC 24V	0.23
2V025-06-AC24W	2 Way Valve 1/8" NPT	Wire Leads	AC 24V	0.23
2V025-06-AC110W	2 Way Valve 1/8" NPT	Wire Leads	AC 110V	0.23
2V025-06-AC220W	2 Way Valve 1/8" NPT	Wire Leads	AC 220V	0.23
2V025-08-DC12	2 Way Valve 1/4" NPT	DIN Connector	DC 12V	0.23
2V025-08-DC24	2 Way Valve 1/4" NPT	DIN Connector	DC 24V	0.23
2V025-08-AC24	2 Way Valve 1/4" NPT	DIN Connector	AC 24V	0.23
2V025-08-AC110	2 Way Valve 1/4" NPT	DIN Connector	AC 110V	0.23
2V025-08-AC220	2 Way Valve 1/4" NPT	DIN Connector	AC 220V	0.23
2V025-08-DC12W	2 Way Valve 1/4" NPT	Wire Leads	DC 12V	0.23
2V025-08-DC24W	2 Way Valve 1/4" NPT	Wire Leads	DC 24V	0.23
2V025-08-AC24W	2 Way Valve 1/4" NPT	Wire Leads	AC 24V	0.23
2V025-08-AC110W	2 Way Valve 1/4" NPT	Wire Leads	AC 110V	0.23
2V025-08-AC220W	2 Way Valve 1/4" NPT	Wire Leads	AC 220V	0.23



Model	Description	Connection	Voltage	Flow (Cv)
3V1-06-DC12	3 Way Direct Acting Valve 1/8" NPT	DIN Connector	DC 12V	0.07
3V1-06-DC24	3 Way Direct Acting Valve 1/8" NPT	DIN Connector	DC 24V	0.07
3V1-06-AC24	3 Way Direct Acting Valve 1/8" NPT	DIN Connector	AC 24V	0.07
3V1-06-AC110	3 Way Direct Acting Valve 1/8" NPT	DIN Connector	AC 110V	0.07
3V1-06-AC220	3 Way Direct Acting Valve 1/8" NPT	DIN Connector	AC 220V	0.07
3V1-06-DC12W	3 Way Direct Acting Valve 1/8" NPT	Wire Leads	DC 12V	0.07
3V1-06-DC24W	3 Way Direct Acting Valve 1/8" NPT	Wire Leads	DC 24V	0.07
3V1-06-AC24W	3 Way Direct Acting Valve 1/8" NPT	Wire Leads	AC 24V	0.07
3V1-06-AC110W	3 Way Direct Acting Valve 1/8" NPT	Wire Leads	AC 110V	0.07
3V1-06-AC220W	3 Way Direct Acting Valve 1/8" NPT	Wire Leads	AC 220V	0.07



3V110-06-DC12	3 Way 2 Position NORMALLY CLOSED Valve 1/8" NPT	DIN Connector	Single Solenoid	DC 12V	0.67
3V110-06-DC24	3 Way 2 Position NORMALLY CLOSED Valve 1/8" NPT	DIN Connector	Single Solenoid	DC 24V	0.67
3V110-06-AC24	3 Way 2 Position NORMALLY CLOSED Valve 1/8" NPT	DIN Connector	Single Solenoid	AC 24V	0.67
3V110-06-AC110	3 Way 2 Position NORMALLY CLOSED Valve 1/8" NPT	DIN Connector	Single Solenoid	AC 110V	0.67
3V110-06-AC220	3 Way 2 Position NORMALLY CLOSED Valve 1/8" NPT	DIN Connector	Single Solenoid	AC 220V	0.67
3V110-06NO-DC12	3 Way 2 Position NORMALLY OPEN Valve 1/8" NPT	DIN Connector	Single Solenoid	DC 12V	0.67
3V110-06NO-DC24	3 Way 2 Position NORMALLY OPEN Valve 1/8" NPT	DIN Connector	Single Solenoid	DC 24V	0.67
3V110-06NO-AC24	3 Way 2 Position NORMALLY OPEN Valve 1/8" NPT	DIN Connector	Single Solenoid	AC 24V	0.67
3V110-06NO-AC110	3 Way 2 Position NORMALLY OPEN Valve 1/8" NPT	DIN Connector	Single Solenoid	AC 110V	0.67
3V110-06NO-AC220	3 Way 2 Position NORMALLY OPEN Valve 1/8" NPT	DIN Connector	Single Solenoid	AC 220V	0.67
3V110-06-DC12W	3 Way 2 Position NORMALLY CLOSED Valve 1/8" NPT	Wire Leads	Single Solenoid	DC 12V	0.67
3V110-06-DC24W	3 Way 2 Position NORMALLY CLOSED Valve 1/8" NPT	Wire Leads	Single Solenoid	DC 24V	0.67
3V110-06-AC24W	3 Way 2 Position NORMALLY CLOSED Valve 1/8" NPT	Wire Leads	Single Solenoid	AC 24V	0.67
3V110-06-AC110W	3 Way 2 Position NORMALLY CLOSED Valve 1/8" NPT	Wire Leads	Single Solenoid	AC 110V	0.67
3V110-06-AC220W	3 Way 2 Position NORMALLY CLOSED Valve 1/8" NPT	Wire Leads	Single Solenoid	AC 220V	0.67
3V110-06NO-DC12W	3 Way 2 Position NORMALLY OPEN Valve 1/8" NPT	Wire Leads	Single Solenoid	DC 12V	0.67
3V110-06NO-DC24W	3 Way 2 Position NORMALLY OPEN Valve 1/8" NPT	Wire Leads	Single Solenoid	DC 24V	0.67
3V110-06NO-AC24W	3 Way 2 Position NORMALLY OPEN Valve 1/8" NPT	Wire Leads	Single Solenoid	AC 24V	0.67
3V110-06NO-AC110W	3 Way 2 Position NORMALLY OPEN Valve 1/8" NPT	Wire Leads	Single Solenoid	AC 110V	0.67
3V110-06NO-AC220W	3 Way 2 Position NORMALLY OPEN Valve 1/8" NPT	Wire Leads	Single Solenoid	AC 220V	0.67
3V120-06-DC12	3 Way 2 Position NORMALLY CLOSED Valve 1/8" NPT	DIN Connector	Double Solenoid	DC 12V	0.67
3V120-06-DC24	3 Way 2 Position NORMALLY CLOSED Valve 1/8" NPT	DIN Connector	Double Solenoid	DC 24V	0.67
3V120-06-AC24	3 Way 2 Position NORMALLY CLOSED Valve 1/8" NPT	DIN Connector	Double Solenoid	AC 24V	0.67
3V120-06-AC120	3 Way 2 Position NORMALLY CLOSED Valve 1/8" NPT	DIN Connector	Double Solenoid	AC 110V	0.67
3V120-06-AC220	3 Way 2 Position NORMALLY CLOSED Valve 1/8" NPT	DIN Connector	Double Solenoid	AC 220V	0.67
3V120-06-DC12W	3 Way 2 Position NORMALLY CLOSED Valve 1/8" NPT	Wire Leads	Double Solenoid	DC 12V	0.67
3V120-06-DC24W	3 Way 2 Position NORMALLY CLOSED Valve 1/8" NPT	Wire Leads	Double Solenoid	DC 24V	0.67
3V120-06-AC24W	3 Way 2 Position NORMALLY CLOSED Valve 1/8" NPT	Wire Leads	Double Solenoid	AC 24V	0.67
3V120-06-AC120W	3 Way 2 Position NORMALLY CLOSED Valve 1/8" NPT	Wire Leads	Double Solenoid	AC 110V	0.67
3V120-06-AC220W	3 Way 2 Position NORMALLY CLOSED Valve 1/8" NPT	Wire Leads	Double Solenoid	AC 220V	0.67

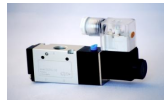


**Solenoid Valves**

**Features/Specifications:**

**Pilot type:** Direct & Solenoid  
**Mount:** Inline or Manifold  
**Wiring:** DIN Connector with LED  
**Insulation:** F Class  
**Water/Dust Protection:** IP65  
**Override:** Manual, Locking (3V, 4V Series)  
**Pressure:** 22 - 116 PSI (1.5 - 8 Bar)  
**Temperature:** -5 to +50°C (41 - 122°F)  
**Voltage Tolerance:** ±10% of Rated Voltage  
**Highest Action Frequency:** 6 cycles/sec

Direct & Solenoid  
 Inline or Manifold  
 DIN Connector with LED  
 F Class  
 IP65  
 Manual, Locking (3V, 4V Series)  
 22 - 116 PSI (1.5 - 8 Bar)  
 -5 to +50°C (41 - 122°F)  
 ±10% of Rated Voltage  
 6 cycles/sec



Model	Description	Connection	Voltage	Flow (Cv)
3V210-08-DC12	3 Way 2 Position NORMALLY CLOSED Valve 1/4" NPT	DIN Connector Single Solenoid	DC 12V	0.89
3V210-08-DC24	3 Way 2 Position NORMALLY CLOSED Valve 1/4" NPT	DIN Connector Single Solenoid	DC 24V	0.89
3V210-08-AC24	3 Way 2 Position NORMALLY CLOSED Valve 1/4" NPT	DIN Connector Single Solenoid	AC 24V	0.89
3V210-08-AC110	3 Way 2 Position NORMALLY CLOSED Valve 1/4" NPT	DIN Connector Single Solenoid	AC 110V	0.89
3V210-08-AC220	3 Way 2 Position NORMALLY CLOSED Valve 1/4" NPT	DIN Connector Single Solenoid	AC 220V	0.89
3V210-08NO-DC12	3 Way 2 Position NORMALLY OPEN Valve 1/4" NPT	DIN Connector Single Solenoid	DC 12V	0.89
3V210-08NO-DC24	3 Way 2 Position NORMALLY OPEN Valve 1/4" NPT	DIN Connector Single Solenoid	DC 24V	0.89
3V210-08NO-AC24	3 Way 2 Position NORMALLY OPEN Valve 1/4" NPT	DIN Connector Single Solenoid	AC 24V	0.89
3V210-08NO-AC110	3 Way 2 Position NORMALLY OPEN Valve 1/4" NPT	DIN Connector Single Solenoid	AC 110V	0.89
3V210-08NO-AC220	3 Way 2 Position NORMALLY OPEN Valve 1/4" NPT	DIN Connector Single Solenoid	AC 220V	0.89
3V210-08-DC12W	3 Way 2 Position NORMALLY CLOSED Valve 1/4" NPT	Wire Leads Single Solenoid	DC 12V	0.89
3V210-08-DC24W	3 Way 2 Position NORMALLY CLOSED Valve 1/4" NPT	Wire Leads Single Solenoid	DC 24V	0.89
3V210-08-AC24W	3 Way 2 Position NORMALLY CLOSED Valve 1/4" NPT	Wire Leads Single Solenoid	AC 24V	0.89
3V210-08-AC110W	3 Way 2 Position NORMALLY CLOSED Valve 1/4" NPT	Wire Leads Single Solenoid	AC 110V	0.89
3V210-08-AC220W	3 Way 2 Position NORMALLY CLOSED Valve 1/4" NPT	Wire Leads Single Solenoid	AC 220V	0.89
3V210-08NO-DC12W	3 Way 2 Position NORMALLY OPEN Valve 1/4" NPT	Wire Leads Single Solenoid	DC 12V	0.89
3V210-08NO-DC24W	3 Way 2 Position NORMALLY OPEN Valve 1/4" NPT	Wire Leads Single Solenoid	DC 24V	0.89
3V210-08NO-AC24W	3 Way 2 Position NORMALLY OPEN Valve 1/4" NPT	Wire Leads Single Solenoid	AC 24V	0.89
3V210-08NO-AC110W	3 Way 2 Position NORMALLY OPEN Valve 1/4" NPT	Wire Leads Single Solenoid	AC 110V	0.89
3V210-08NO-AC220W	3 Way 2 Position NORMALLY OPEN Valve 1/4" NPT	Wire Leads Single Solenoid	AC 220V	0.89
3V220-08-DC12	3 Way 2 Position NORMALLY CLOSED Valve 1/4" NPT	DIN Connector Double Solenoid	DC 12V	0.89
3V220-08-DC24	3 Way 2 Position NORMALLY CLOSED Valve 1/4" NPT	DIN Connector Double Solenoid	DC 24V	0.89
3V220-08-AC24	3 Way 2 Position NORMALLY CLOSED Valve 1/4" NPT	DIN Connector Double Solenoid	AC 24V	0.89
3V220-08-AC120	3 Way 2 Position NORMALLY CLOSED Valve 1/4" NPT	DIN Connector Double Solenoid	AC 110V	0.89
3V220-08-AC220	3 Way 2 Position NORMALLY CLOSED Valve 1/4" NPT	DIN Connector Double Solenoid	AC 220V	0.89
3V220-08-DC12W	3 Way 2 Position NORMALLY CLOSED Valve 1/4" NPT	Wire Leads Double Solenoid	DC 12V	0.89
3V220-08-DC24W	3 Way 2 Position NORMALLY CLOSED Valve 1/4" NPT	Wire Leads Double Solenoid	DC 24V	0.89
3V220-08-AC24W	3 Way 2 Position NORMALLY CLOSED Valve 1/4" NPT	Wire Leads Double Solenoid	AC 24V	0.89
3V220-08-AC120W	3 Way 2 Position NORMALLY CLOSED Valve 1/4" NPT	Wire Leads Double Solenoid	AC 110V	0.89
3V220-08-AC220W	3 Way 2 Position NORMALLY CLOSED Valve 1/4" NPT	Wire Leads Double Solenoid	AC 220V	0.89
3V310-10-DC12	3 Way 2 Position NORMALLY CLOSED Valve 3/8" NPT	DIN Connector Single Solenoid	DC 12V	1.68
3V310-10-DC24	3 Way 2 Position NORMALLY CLOSED Valve 3/8" NPT	DIN Connector Single Solenoid	DC 24V	1.68
3V310-10-AC24	3 Way 2 Position NORMALLY CLOSED Valve 3/8" NPT	DIN Connector Single Solenoid	AC 24V	1.68
3V310-10-AC110	3 Way 2 Position NORMALLY CLOSED Valve 3/8" NPT	DIN Connector Single Solenoid	AC 110V	1.68
3V310-10-AC220	3 Way 2 Position NORMALLY CLOSED Valve 3/8" NPT	DIN Connector Single Solenoid	AC 220V	1.68
3V310-10NO-DC12	3 Way 2 Position NORMALLY OPEN Valve 3/8" NPT	DIN Connector Single Solenoid	DC 12V	1.68
3V310-10NO-DC24	3 Way 2 Position NORMALLY OPEN Valve 3/8" NPT	DIN Connector Single Solenoid	DC 24V	1.68
3V310-10NO-AC24	3 Way 2 Position NORMALLY OPEN Valve 3/8" NPT	DIN Connector Single Solenoid	AC 24V	1.68
3V310-10NO-AC110	3 Way 2 Position NORMALLY OPEN Valve 3/8" NPT	DIN Connector Single Solenoid	AC 110V	1.68
3V310-10NO-AC220	3 Way 2 Position NORMALLY OPEN Valve 3/8" NPT	DIN Connector Single Solenoid	AC 220V	1.68
3V310-10-DC12W	3 Way 2 Position NORMALLY CLOSED Valve 3/8" NPT	Wire Leads Single Solenoid	DC 12V	1.68
3V310-10-DC24W	3 Way 2 Position NORMALLY CLOSED Valve 3/8" NPT	Wire Leads Single Solenoid	DC 24V	1.68
3V310-10-AC24W	3 Way 2 Position NORMALLY CLOSED Valve 3/8" NPT	Wire Leads Single Solenoid	AC 24V	1.68
3V310-10-AC110W	3 Way 2 Position NORMALLY CLOSED Valve 3/8" NPT	Wire Leads Single Solenoid	AC 110V	1.68
3V310-10-AC220W	3 Way 2 Position NORMALLY CLOSED Valve 3/8" NPT	Wire Leads Single Solenoid	AC 220V	1.68
3V310-10NO-DC12W	3 Way 2 Position NORMALLY OPEN Valve 3/8" NPT	Wire Leads Single Solenoid	DC 12V	1.68
3V310-10NO-DC24W	3 Way 2 Position NORMALLY OPEN Valve 3/8" NPT	Wire Leads Single Solenoid	DC 24V	1.68
3V310-10NO-AC24W	3 Way 2 Position NORMALLY OPEN Valve 3/8" NPT	Wire Leads Single Solenoid	AC 24V	1.68
3V310-10NO-AC110W	3 Way 2 Position NORMALLY OPEN Valve 3/8" NPT	Wire Leads Single Solenoid	AC 110V	1.68
3V310-10NO-AC220W	3 Way 2 Position NORMALLY OPEN Valve 3/8" NPT	Wire Leads Single Solenoid	AC 220V	1.68
3V320-10-DC12	3 Way 2 Position NORMALLY CLOSED Valve 3/8" NPT	DIN Connector Double Solenoid	DC 12V	1.68
3V320-10-DC24	3 Way 2 Position NORMALLY CLOSED Valve 3/8" NPT	DIN Connector Double Solenoid	DC 24V	1.68
3V320-10-AC24	3 Way 2 Position NORMALLY CLOSED Valve 3/8" NPT	DIN Connector Double Solenoid	AC 24V	1.68
3V320-10-AC120	3 Way 2 Position NORMALLY CLOSED Valve 3/8" NPT	DIN Connector Double Solenoid	AC 110V	1.68
3V320-10-AC220	3 Way 2 Position NORMALLY CLOSED Valve 3/8" NPT	DIN Connector Double Solenoid	AC 220V	1.68
3V320-10-DC12W	3 Way 2 Position NORMALLY CLOSED Valve 3/8" NPT	Wire Leads Double Solenoid	DC 12V	1.68
3V320-10-DC24W	3 Way 2 Position NORMALLY CLOSED Valve 3/8" NPT	Wire Leads Double Solenoid	DC 24V	1.68
3V320-10-AC24W	3 Way 2 Position NORMALLY CLOSED Valve 3/8" NPT	Wire Leads Double Solenoid	AC 24V	1.68
3V320-10-AC120W	3 Way 2 Position NORMALLY CLOSED Valve 3/8" NPT	Wire Leads Double Solenoid	AC 110V	1.68
3V320-10-AC220W	3 Way 2 Position NORMALLY CLOSED Valve 3/8" NPT	Wire Leads Double Solenoid	AC 220V	1.68

**Solenoid Valves**

**Features/Specifications:**

**Pilot type:** Direct & Solenoid  
**Mount:** Inline or Manifold  
**Wiring:** DIN Connector with LED  
**Insulation:** F Class  
**Water/Dust Protection:** I65  
**Override:** Manual, Locking (3V, 4V Series)  
**Pressure:** 22 - 116 PSI (1.5 - 8 Bar)  
**Temperature:** -5 to +50°C (41 - 122°F)  
**Voltage Tolerance:** ±10% of Rated Voltage  
**Highest Action Frequency:** 6 cycles/sec



	Model	Description	Connection		Voltage	Flow (Cv)
	3V410-15-DC12	3 Way 2 Position NORMALLY CLOSED Valve 1/2" NPT	DIN Connector	Single Solenoid	DC 12V	2.79
	3V410-15-DC24	3 Way 2 Position NORMALLY CLOSED Valve 1/2" NPT	DIN Connector	Single Solenoid	DC 24V	2.79
	3V410-15-AC24	3 Way 2 Position NORMALLY CLOSED Valve 1/2" NPT	DIN Connector	Single Solenoid	AC 24V	2.79
	3V410-15-AC110	3 Way 2 Position NORMALLY CLOSED Valve 1/2" NPT	DIN Connector	Single Solenoid	AC 110V	2.79
	3V410-15-AC220	3 Way 2 Position NORMALLY CLOSED Valve 1/2" NPT	DIN Connector	Single Solenoid	AC 220V	2.79
	3V410-15NO-DC12	3 Way 2 Position NORMALLY OPEN Valve 1/2" NPT	DIN Connector	Single Solenoid	DC 12V	2.79
	3V410-15NO-DC24	3 Way 2 Position NORMALLY OPEN Valve 1/2" NPT	DIN Connector	Single Solenoid	DC 24V	2.79
	3V410-15NO-AC24	3 Way 2 Position NORMALLY OPEN Valve 1/2" NPT	DIN Connector	Single Solenoid	AC 24V	2.79
	3V410-15NO-AC110	3 Way 2 Position NORMALLY OPEN Valve 1/2" NPT	DIN Connector	Single Solenoid	AC 110V	2.79
	3V410-15NO-AC220	3 Way 2 Position NORMALLY OPEN Valve 1/2" NPT	DIN Connector	Single Solenoid	AC 220V	2.79
	3V410-15-DC12W	3 Way 2 Position NORMALLY CLOSED Valve 1/2" NPT	Wire Leads	Single Solenoid	DC 12V	2.79
	3V410-15-DC24W	3 Way 2 Position NORMALLY CLOSED Valve 1/2" NPT	Wire Leads	Single Solenoid	DC 24V	2.79
3V410-15-AC24W	3 Way 2 Position NORMALLY CLOSED Valve 1/2" NPT	Wire Leads	Single Solenoid	AC 24V	2.79	
3V410-15-AC110W	3 Way 2 Position NORMALLY CLOSED Valve 1/2" NPT	Wire Leads	Single Solenoid	AC 110V	2.79	
3V410-15-AC220W	3 Way 2 Position NORMALLY CLOSED Valve 1/2" NPT	Wire Leads	Single Solenoid	AC 220V	2.79	
3V410-15NO-DC12W	3 Way 2 Position NORMALLY OPEN Valve 1/2" NPT	Wire Leads	Single Solenoid	DC 12V	2.79	
3V410-15NO-DC24W	3 Way 2 Position NORMALLY OPEN Valve 1/2" NPT	Wire Leads	Single Solenoid	DC 24V	2.79	
3V410-15NO-AC24W	3 Way 2 Position NORMALLY OPEN Valve 1/2" NPT	Wire Leads	Single Solenoid	AC 24V	2.79	
3V410-15NO-AC110W	3 Way 2 Position NORMALLY OPEN Valve 1/2" NPT	Wire Leads	Single Solenoid	AC 110V	2.79	
3V410-15NO-AC220W	3 Way 2 Position NORMALLY OPEN Valve 1/2" NPT	Wire Leads	Single Solenoid	AC 220V	2.79	
3V420-15-DC12	3 Way 2 Position NORMALLY CLOSED Valve 1/2" NPT	DIN Connector	Double Solenoid	DC 12V	2.79	
3V420-15-DC24	3 Way 2 Position NORMALLY CLOSED Valve 1/2" NPT	DIN Connector	Double Solenoid	DC 24V	2.79	
3V420-15-AC24	3 Way 2 Position NORMALLY CLOSED Valve 1/2" NPT	DIN Connector	Double Solenoid	AC 24V	2.79	
3V420-15-AC120	3 Way 2 Position NORMALLY CLOSED Valve 1/2" NPT	DIN Connector	Double Solenoid	AC 110V	2.79	
3V420-15-AC220	3 Way 2 Position NORMALLY CLOSED Valve 1/2" NPT	DIN Connector	Double Solenoid	AC 220V	2.79	
3V420-15-DC12W	3 Way 2 Position NORMALLY CLOSED Valve 1/2" NPT	Wire Leads	Double Solenoid	DC 12V	2.79	
3V420-15-DC24W	3 Way 2 Position NORMALLY CLOSED Valve 1/2" NPT	Wire Leads	Double Solenoid	DC 24V	2.79	
3V420-15-AC24W	3 Way 2 Position NORMALLY CLOSED Valve 1/2" NPT	Wire Leads	Double Solenoid	AC 24V	2.79	
3V420-15-AC120W	3 Way 2 Position NORMALLY CLOSED Valve 1/2" NPT	Wire Leads	Double Solenoid	AC 110V	2.79	
3V420-15-AC220W	3 Way 2 Position NORMALLY CLOSED Valve 1/2" NPT	Wire Leads	Double Solenoid	AC 220V	2.79	

	Model	Description	Connection		Voltage	Flow (Cv)
	4V110-06-DC12	5 Ports 4 Way 2 Position Valve 1/8" NPT	DIN Connector	Single Solenoid	DC 12V	0.67
	4V110-06-DC24	5 Ports 4 Way 2 Position Valve 1/8" NPT	DIN Connector	Single Solenoid	DC 24V	0.67
	4V110-06-AC24	5 Ports 4 Way 2 Position Valve 1/8" NPT	DIN Connector	Single Solenoid	AC 24V	0.67
	4V110-06-AC110	5 Ports 4 Way 2 Position Valve 1/8" NPT	DIN Connector	Single Solenoid	AC 110V	0.67
	4V110-06-AC220	5 Ports 4 Way 2 Position Valve 1/8" NPT	DIN Connector	Single Solenoid	AC 220V	0.67
	4V110-06-DC12W	5 Ports 4 Way 2 Position Valve 1/8" NPT	Wire Leads	Single Solenoid	DC 12V	0.67
	4V110-06-DC24W	5 Ports 4 Way 2 Position Valve 1/8" NPT	Wire Leads	Single Solenoid	DC 24V	0.67
	4V110-06-AC24W	5 Ports 4 Way 2 Position Valve 1/8" NPT	Wire Leads	Single Solenoid	AC 24V	0.67
	4V110-06-AC110W	5 Ports 4 Way 2 Position Valve 1/8" NPT	Wire Leads	Single Solenoid	AC 110V	0.67
	4V110-06-AC220W	5 Ports 4 Way 2 Position Valve 1/8" NPT	Wire Leads	Single Solenoid	AC 220V	0.67
	4V120-06-DC12	5 Ports 4 Way 2 Position Valve 1/8" NPT	DIN Connector	Double Solenoid	DC 12V	0.67
	4V120-06-DC24	5 Ports 4 Way 2 Position Valve 1/8" NPT	DIN Connector	Double Solenoid	DC 24V	0.67
4V120-06-AC24	5 Ports 4 Way 2 Position Valve 1/8" NPT	DIN Connector	Double Solenoid	AC 24V	0.67	
4V120-06-AC110	5 Ports 4 Way 2 Position Valve 1/8" NPT	DIN Connector	Double Solenoid	AC 110V	0.67	
4V120-06-AC220	5 Ports 4 Way 2 Position Valve 1/8" NPT	DIN Connector	Double Solenoid	AC 220V	0.67	
4V120-06-DC12W	5 Ports 4 Way 2 Position Valve 1/8" NPT	Wire Leads	Double Solenoid	DC 12V	0.67	
4V120-06-DC24W	5 Ports 4 Way 2 Position Valve 1/8" NPT	Wire Leads	Double Solenoid	DC 24V	0.67	
4V120-06-AC24W	5 Ports 4 Way 2 Position Valve 1/8" NPT	Wire Leads	Double Solenoid	AC 24V	0.67	
4V120-06-AC110W	5 Ports 4 Way 2 Position Valve 1/8" NPT	Wire Leads	Double Solenoid	AC 110V	0.67	
4V120-06-AC220W	5 Ports 4 Way 2 Position Valve 1/8" NPT	Wire Leads	Double Solenoid	AC 220V	0.67	
4V130C-06-DC12	5 Ports 4 Way 3 Position CLOSED Center Valve 1/8" NPT	DIN Connector	Double Solenoid	DC 12V	0.5	
4V130C-06-DC24	5 Ports 4 Way 3 Position CLOSED Center Valve 1/8" NPT	DIN Connector	Double Solenoid	DC 24V	0.5	
4V130C-06-AC24	5 Ports 4 Way 3 Position CLOSED Center Valve 1/8" NPT	DIN Connector	Double Solenoid	AC 124V	0.5	
4V130C-06-AC110	5 Ports 4 Way 3 Position CLOSED Center Valve 1/8" NPT	DIN Connector	Double Solenoid	AC 110V	0.5	
4V130C-06-AC220	5 Ports 4 Way 3 Position CLOSED Center Valve 1/8" NPT	DIN Connector	Double Solenoid	AC 220V	0.5	
4V130C-06-DC12W	5 Ports 4 Way 3 Position CLOSED Center Valve 1/8" NPT	Wire Leads	Double Solenoid	DC 12V	0.5	
4V130C-06-DC24W	5 Ports 4 Way 3 Position CLOSED Center Valve 1/8" NPT	Wire Leads	Double Solenoid	DC 24V	0.5	
4V130C-06-AC24W	5 Ports 4 Way 3 Position CLOSED Center Valve 1/8" NPT	Wire Leads	Double Solenoid	AC 24V	0.5	
4V130C-06-AC110W	5 Ports 4 Way 3 Position CLOSED Center Valve 1/8" NPT	Wire Leads	Double Solenoid	AC 110V	0.5	
4V130C-06-AC220W	5 Ports 4 Way 3 Position CLOSED Center Valve 1/8" NPT	Wire Leads	Double Solenoid	AC 220V	0.5	
4V130E-06-DC12	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/8" NPT	DIN Connector	Double Solenoid	DC 12V	0.5	
4V130E-06-DC24	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/8" NPT	DIN Connector	Double Solenoid	DC 24V	0.5	
4V130E-06-AC24	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/8" NPT	DIN Connector	Double Solenoid	AC 110V	0.5	
4V130E-06-AC110	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/8" NPT	DIN Connector	Double Solenoid	AC 24V	0.5	
4V130E-06-AC220	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/8" NPT	DIN Connector	Double Solenoid	AC 220V	0.5	
4V130E-06-DC12W	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/8" NPT	Wire Leads	Double Solenoid	DC 12V	0.5	
4V130E-06-DC24W	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/8" NPT	Wire Leads	Double Solenoid	DC 24V	0.5	
4V130E-06-AC24W	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/8" NPT	Wire Leads	Double Solenoid	AC 110V	0.5	
4V130E-06-AC110W	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/8" NPT	Wire Leads	Double Solenoid	AC 24V	0.5	
4V130E-06-AC220W	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/8" NPT	Wire Leads	Double Solenoid	AC 220V	0.5	
4V130P-06-DC12	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/8" NPT	DIN Connector	Double Solenoid	DC 12V	0.5	
4V130P-06-DC24	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/8" NPT	DIN Connector	Double Solenoid	DC 24V	0.5	
4V130P-06-AC24	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/8" NPT	DIN Connector	Double Solenoid	AC 110V	0.5	
4V130P-06-AC110	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/8" NPT	DIN Connector	Double Solenoid	AC 24V	0.5	
4V130P-06-AC220	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/8" NPT	DIN Connector	Double Solenoid	AC 220V	0.5	
4V130P-06-DC12W	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/8" NPT	Wire Leads	Double Solenoid	DC 12V	0.5	
4V130P-06-DC24W	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/8" NPT	Wire Leads	Double Solenoid	DC 24V	0.5	
4V130P-06-AC24W	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/8" NPT	Wire Leads	Double Solenoid	AC 110V	0.5	
4V130P-06-AC110W	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/8" NPT	Wire Leads	Double Solenoid	AC 24V	0.5	
4V130P-06-AC220W	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/8" NPT	Wire Leads	Double Solenoid	AC 220V	0.5	

**Solenoid Valves**

**Features/Specifications:**

**Pilot type:** Direct & Solenoid  
**Mount:** Inline or Manifold  
**Wiring:** DIN Connector with LED  
**Insulation:** F Class  
**Water/Dust Protection:** IP65  
**Overvoltage:** Manual, Locking (3V, 4V Series)  
**Pressure:** 22 - 116 PSI (1.5 - 8 Bar)  
**Temperature:** -5 to +50°C (41 - 122°F)  
**Voltage Tolerance:** ±10% of Rated Voltage  
**Highest Action Frequency:** 6 cycles/sec



Model	Description	Connection	Voltage	Flow (Cv)
4V210-06-DC12	5 Ports 4 Way 2 Position Valve 1/8" NPT	DIN Connector	DC 12V	
4V210-06-DC24	5 Ports 4 Way 2 Position Valve 1/8" NPT	DIN Connector	DC 24V	
4V210-06-AC24	5 Ports 4 Way 2 Position Valve 1/8" NPT	DIN Connector	AC 24V	
4V210-06-AC110	5 Ports 4 Way 2 Position Valve 1/8" NPT	DIN Connector	AC 110V	
4V210-06-AC220	5 Ports 4 Way 2 Position Valve 1/8" NPT	DIN Connector	AC 220V	
4V210-06-DC12W	5 Ports 4 Way 2 Position Valve 1/8" NPT	Wire Leads	DC 12V	
4V210-06-DC24W	5 Ports 4 Way 2 Position Valve 1/8" NPT	Wire Leads	DC 24V	
4V210-06-AC24W	5 Ports 4 Way 2 Position Valve 1/8" NPT	Wire Leads	AC 24V	
4V210-06-AC110W	5 Ports 4 Way 2 Position Valve 1/8" NPT	Wire Leads	AC 110V	
4V210-06-AC220W	5 Ports 4 Way 2 Position Valve 1/8" NPT	Wire Leads	AC 220V	
4V210-08-DC12	5 Ports 4 Way 2 Position Valve 1/4" NPT (Exh. 1/8")	DIN Connector	DC 12V	0.89
4V210-08-DC24	5 Ports 4 Way 2 Position Valve 1/4" NPT (Exh. 1/8")	DIN Connector	DC 24V	0.89
4V210-08-AC24	5 Ports 4 Way 2 Position Valve 1/4" NPT (Exh. 1/8")	DIN Connector	AC 24V	0.89
4V210-08-AC110	5 Ports 4 Way 2 Position Valve 1/4" NPT (Exh. 1/8")	DIN Connector	AC 110V	0.89
4V210-08-AC220	5 Ports 4 Way 2 Position Valve 1/4" NPT (Exh. 1/8")	DIN Connector	AC 220V	0.89
4V210-08-DC12W	5 Ports 4 Way 2 Position Valve 1/4" NPT (Exh. 1/8")	Wire Leads	DC 12V	0.89
4V210-08-DC24W	5 Ports 4 Way 2 Position Valve 1/4" NPT (Exh. 1/8")	Wire Leads	DC 24V	0.89
4V210-08-AC24W	5 Ports 4 Way 2 Position Valve 1/4" NPT (Exh. 1/8")	Wire Leads	AC 24V	0.89
4V210-08-AC110W	5 Ports 4 Way 2 Position Valve 1/4" NPT (Exh. 1/8")	Wire Leads	AC 110V	0.89
4V210-08-AC220W	5 Ports 4 Way 2 Position Valve 1/4" NPT (Exh. 1/8")	Wire Leads	AC 220V	0.89
4V220-08-DC12	5 Ports 4 Way 2 Position Valve 1/4" NPT (Exh. 1/8")	DIN Connector	DC 12V	0.89
4V220-08-DC24	5 Ports 4 Way 2 Position Valve 1/4" NPT (Exh. 1/8")	DIN Connector	DC 24V	0.89
4V220-08-AC24	5 Ports 4 Way 2 Position Valve 1/4" NPT (Exh. 1/8")	DIN Connector	AC 24V	0.89
4V220-08-AC110	5 Ports 4 Way 2 Position Valve 1/4" NPT (Exh. 1/8")	DIN Connector	AC 110V	0.89
4V220-08-AC220	5 Ports 4 Way 2 Position Valve 1/4" NPT (Exh. 1/8")	DIN Connector	AC 220V	0.89
4V220-08-DC12W	5 Ports 4 Way 2 Position Valve 1/4" NPT (Exh. 1/8")	Wire Leads	DC 12V	0.89
4V220-08-DC24W	5 Ports 4 Way 2 Position Valve 1/4" NPT (Exh. 1/8")	Wire Leads	DC 24V	0.89
4V220-08-AC24W	5 Ports 4 Way 2 Position Valve 1/4" NPT (Exh. 1/8")	Wire Leads	AC 24V	0.89
4V220-08-AC110W	5 Ports 4 Way 2 Position Valve 1/4" NPT (Exh. 1/8")	Wire Leads	AC 110V	0.89
4V220-08-AC220W	5 Ports 4 Way 2 Position Valve 1/4" NPT (Exh. 1/8")	Wire Leads	AC 220V	0.89
4V230C-06-DC12	5 Ports 4 Way 3 Position CLOSED Center Valve 1/8" NPT	DIN Connector	DC 12V	0.67
4V230C-06-DC24	5 Ports 4 Way 3 Position CLOSED Center Valve 1/8" NPT	DIN Connector	DC 24V	0.67
4V230C-06-AC24	5 Ports 4 Way 3 Position CLOSED Center Valve 1/8" NPT	DIN Connector	AC 24V	0.67
4V230C-06-AC110	5 Ports 4 Way 3 Position CLOSED Center Valve 1/8" NPT	DIN Connector	AC 110V	0.67
4V230C-06-AC220	5 Ports 4 Way 3 Position CLOSED Center Valve 1/8" NPT	DIN Connector	AC 220V	0.67
4V230C-06-DC12W	5 Ports 4 Way 3 Position CLOSED Center Valve 1/8" NPT	Wire Leads	DC 12V	0.67
4V230C-06-DC24W	5 Ports 4 Way 3 Position CLOSED Center Valve 1/8" NPT	Wire Leads	DC 24V	0.67
4V230C-06-AC24W	5 Ports 4 Way 3 Position CLOSED Center Valve 1/8" NPT	Wire Leads	AC 24V	0.67
4V230C-06-AC110W	5 Ports 4 Way 3 Position CLOSED Center Valve 1/8" NPT	Wire Leads	AC 110V	0.67
4V230C-06-AC220W	5 Ports 4 Way 3 Position CLOSED Center Valve 1/8" NPT	Wire Leads	AC 220V	0.67
4V230E-06-DC12	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/8" NPT	DIN Connector	DC 12V	0.67
4V230E-06-DC24	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/8" NPT	DIN Connector	DC 24V	0.67
4V230E-06-AC24	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/8" NPT	DIN Connector	AC 24V	0.67
4V230E-06-AC110	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/8" NPT	DIN Connector	AC 110V	0.67
4V230E-06-AC220	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/8" NPT	DIN Connector	AC 220V	0.67
4V230E-06-DC12W	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/8" NPT	Wire Leads	DC 12V	0.67
4V230E-06-DC24W	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/8" NPT	Wire Leads	DC 24V	0.67
4V230E-06-AC24W	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/8" NPT	Wire Leads	AC 24V	0.67
4V230E-06-AC110W	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/8" NPT	Wire Leads	AC 110V	0.67
4V230E-06-AC220W	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/8" NPT	Wire Leads	AC 220V	0.67
4V230P-06-DC12	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/8" NPT	DIN Connector	DC 12V	0.67
4V230P-06-DC24	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/8" NPT	DIN Connector	DC 24V	0.67
4V230P-06-AC24	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/8" NPT	DIN Connector	AC 24V	0.67
4V230P-06-AC110	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/8" NPT	DIN Connector	AC 110V	0.67
4V230P-06-AC220	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/8" NPT	DIN Connector	AC 220V	0.67
4V230P-06-DC12W	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/8" NPT	Wire Leads	DC 12V	0.67
4V230P-06-DC24W	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/8" NPT	Wire Leads	DC 24V	0.67
4V230P-06-AC24W	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/8" NPT	Wire Leads	AC 24V	0.67
4V230P-06-AC110W	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/8" NPT	Wire Leads	AC 110V	0.67
4V230P-06-AC220W	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/8" NPT	Wire Leads	AC 220V	0.67
4V230C-08-DC12	5 Ports 4 Way 3 Position CLOSED Center Valve 1/4" NPT (Exh. 1/8")	DIN Connector	DC 12V	0.67
4V230C-08-DC24	5 Ports 4 Way 3 Position CLOSED Center Valve 1/4" NPT (Exh. 1/8")	DIN Connector	DC 24V	0.67
4V230C-08-AC24	5 Ports 4 Way 3 Position CLOSED Center Valve 1/4" NPT (Exh. 1/8")	DIN Connector	AC 24V	0.67
4V230C-08-AC110	5 Ports 4 Way 3 Position CLOSED Center Valve 1/4" NPT (Exh. 1/8")	DIN Connector	AC 110V	0.67
4V230C-08-AC220	5 Ports 4 Way 3 Position CLOSED Center Valve 1/4" NPT (Exh. 1/8")	DIN Connector	AC 220V	0.67
4V230C-08-DC12W	5 Ports 4 Way 3 Position CLOSED Center Valve 1/4" NPT (Exh. 1/8")	Wire Leads	DC 12V	0.67
4V230C-08-DC24W	5 Ports 4 Way 3 Position CLOSED Center Valve 1/4" NPT (Exh. 1/8")	Wire Leads	DC 24V	0.67
4V230C-08-AC24W	5 Ports 4 Way 3 Position CLOSED Center Valve 1/4" NPT (Exh. 1/8")	Wire Leads	AC 24V	0.67
4V230C-08-AC110W	5 Ports 4 Way 3 Position CLOSED Center Valve 1/4" NPT (Exh. 1/8")	Wire Leads	AC 110V	0.67
4V230C-08-AC220W	5 Ports 4 Way 3 Position CLOSED Center Valve 1/4" NPT (Exh. 1/8")	Wire Leads	AC 220V	0.67
4V230E-08-DC12	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/4" NPT (Exh. 1/8")	DIN Connector	DC 12V	0.67
4V230E-08-DC24	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/4" NPT (Exh. 1/8")	DIN Connector	DC 24V	0.67
4V230E-08-AC24	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/4" NPT (Exh. 1/8")	DIN Connector	AC 24V	0.67
4V230E-08-AC110	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/4" NPT (Exh. 1/8")	DIN Connector	AC 110V	0.67
4V230E-08-AC220	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/4" NPT (Exh. 1/8")	DIN Connector	AC 220V	0.67
4V230E-08-DC12W	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/4" NPT (Exh. 1/8")	Wire Leads	DC 12V	0.67
4V230E-08-DC24W	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/4" NPT (Exh. 1/8")	Wire Leads	DC 24V	0.67
4V230E-08-AC24W	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/4" NPT (Exh. 1/8")	Wire Leads	AC 24V	0.67
4V230E-08-AC110W	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/4" NPT (Exh. 1/8")	Wire Leads	AC 110V	0.67
4V230E-08-AC220W	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/4" NPT (Exh. 1/8")	Wire Leads	AC 220V	0.67
4V230P-08-DC12	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/4" NPT (Exh. 1/8")	DIN Connector	DC 12V	0.67
4V230P-08-DC24	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/4" NPT (Exh. 1/8")	DIN Connector	DC 24V	0.67
4V230P-08-AC24	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/4" NPT (Exh. 1/8")	DIN Connector	AC 24V	0.67
4V230P-08-AC110	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/4" NPT (Exh. 1/8")	DIN Connector	AC 110V	0.67
4V230P-08-AC220	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/4" NPT (Exh. 1/8")	DIN Connector	AC 220V	0.67
4V230P-08-DC12W	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/4" NPT (Exh. 1/8")	Wire Leads	DC 12V	0.67
4V230P-08-DC24W	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/4" NPT (Exh. 1/8")	Wire Leads	DC 24V	0.67
4V230P-08-AC24W	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/4" NPT (Exh. 1/8")	Wire Leads	AC 24V	0.67
4V230P-08-AC110W	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/4" NPT (Exh. 1/8")	Wire Leads	AC 110V	0.67
4V230P-08-AC220W	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/4" NPT (Exh. 1/8")	Wire Leads	AC 220V	0.67

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**Solenoid Valves**

**Features/Specifications:**

**Pilot type:** Direct & Solenoid  
**Mount:** Inline or Manifold  
**Wiring:** DIN Connector with LED  
**Insulation:** F Class  
**Water/Dust Protection:** IP65  
**Override:** Manual, Locking (3V, 4V Series)  
**Pressure:** 22 - 116 PSI (1.5 - 8 Bar)  
**Temperature:** -5 to +50°C (41 - 122°F)  
**Voltage Tolerance:** ±10% of Rated Voltage  
**Highest Action Frequency:** 6 cycles/sec



	Model	Description	Connection	Voltage	Flow (Cv)
	4V310-08-DC12	5 Ports 4 Way 2 Position Valve 1/4" NPT	DIN Connector	Single Solenoid	DC 12V 1.68
	4V310-08-DC24	5 Ports 4 Way 2 Position Valve 1/4" NPT	DIN Connector	Single Solenoid	DC 24V 1.68
	4V310-08-AC24	5 Ports 4 Way 2 Position Valve 1/4" NPT	DIN Connector	Single Solenoid	AC 24V 1.68
	4V310-08-AC110	5 Ports 4 Way 2 Position Valve 1/4" NPT	DIN Connector	Single Solenoid	AC 110V 1.68
	4V310-08-AC220	5 Ports 4 Way 2 Position Valve 1/4" NPT	DIN Connector	Single Solenoid	AC 220V 1.68
	4V310-08-DC12W	5 Ports 4 Way 2 Position Valve 1/4" NPT	Wire Leads	Single Solenoid	DC 12V 1.68
	4V310-08-DC24W	5 Ports 4 Way 2 Position Valve 1/4" NPT	Wire Leads	Single Solenoid	DC 24V 1.68
	4V310-08-AC24W	5 Ports 4 Way 2 Position Valve 1/4" NPT	Wire Leads	Single Solenoid	AC 24V 1.68
	4V310-08-AC110W	5 Ports 4 Way 2 Position Valve 1/4" NPT	Wire Leads	Single Solenoid	AC 110V 1.68
	4V310-08-AC220W	5 Ports 4 Way 2 Position Valve 1/4" NPT	Wire Leads	Single Solenoid	AC 220V 1.68
	4V310-10-DC12	5 Ports 4 Way 2 Position Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Single Solenoid	DC 12V 1.68
	4V310-10-DC24	5 Ports 4 Way 2 Position Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Single Solenoid	DC 24V 1.68
	4V310-10-AC24	5 Ports 4 Way 2 Position Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Single Solenoid	AC 24V 1.68
	4V310-10-AC110	5 Ports 4 Way 2 Position Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Single Solenoid	AC 110V 1.68
	4V310-10-AC220	5 Ports 4 Way 2 Position Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Single Solenoid	AC 220V 1.68
	4V310-10-DC12W	5 Ports 4 Way 2 Position Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Single Solenoid	DC 12V 1.68
	4V310-10-DC24W	5 Ports 4 Way 2 Position Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Single Solenoid	DC 24V 1.68
	4V310-10-AC24W	5 Ports 4 Way 2 Position Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Single Solenoid	AC 24V 1.68
	4V310-10-AC110W	5 Ports 4 Way 2 Position Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Single Solenoid	AC 110V 1.68
	4V310-10-AC220W	5 Ports 4 Way 2 Position Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Single Solenoid	AC 220V 1.68
	4V320-10-DC12	5 Ports 4 Way 2 Position Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Double Solenoid	DC 12V 1.68
	4V320-10-DC24	5 Ports 4 Way 2 Position Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Double Solenoid	DC 24V 1.68
	4V320-10-AC24	5 Ports 4 Way 2 Position Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Double Solenoid	AC 24V 1.68
	4V320-10-AC110	5 Ports 4 Way 2 Position Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Double Solenoid	AC 110V 1.68
	4V320-10-AC220	5 Ports 4 Way 2 Position Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Double Solenoid	AC 220V 1.68
	4V320-10-DC12W	5 Ports 4 Way 2 Position Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Double Solenoid	DC 12V 1.68
	4V320-10-DC24W	5 Ports 4 Way 2 Position Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Double Solenoid	DC 24V 1.68
	4V320-10-AC24W	5 Ports 4 Way 2 Position Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Double Solenoid	AC 24V 1.68
	4V320-10-AC110W	5 Ports 4 Way 2 Position Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Double Solenoid	AC 110V 1.68
	4V320-10-AC220W	5 Ports 4 Way 2 Position Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Double Solenoid	AC 220V 1.68
	4V330C-10-DC12	5 Ports 4 Way 3 Position CLOSED Center Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Double Solenoid	DC 12V 1.00
	4V330C-10-DC24	5 Ports 4 Way 3 Position CLOSED Center Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Double Solenoid	DC 24V 1.00
	4V330C-10-AC24	5 Ports 4 Way 3 Position CLOSED Center Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Double Solenoid	AC 24V 1.00
	4V330C-10-AC110	5 Ports 4 Way 3 Position CLOSED Center Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Double Solenoid	AC 110V 1.00
	4V330C-10-AC220	5 Ports 4 Way 3 Position CLOSED Center Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Double Solenoid	AC 220V 1.00
	4V330C-10-DC12W	5 Ports 4 Way 3 Position CLOSED Center Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Double Solenoid	DC 12V 1.00
	4V330C-10-DC24W	5 Ports 4 Way 3 Position CLOSED Center Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Double Solenoid	DC 24V 1.00
	4V330C-10-AC24W	5 Ports 4 Way 3 Position CLOSED Center Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Double Solenoid	AC 24V 1.00
	4V330C-10-AC110W	5 Ports 4 Way 3 Position CLOSED Center Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Double Solenoid	AC 110V 1.00
	4V330C-10-AC220W	5 Ports 4 Way 3 Position CLOSED Center Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Double Solenoid	AC 220V 1.00
	4V330E-10-DC12	5 Ports 4 Way 3 Position EXHAUST Center Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Double Solenoid	DC 12V 1.00
	4V330E-10-DC24	5 Ports 4 Way 3 Position EXHAUST Center Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Double Solenoid	DC 24V 1.00
	4V330E-10-AC24	5 Ports 4 Way 3 Position EXHAUST Center Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Double Solenoid	AC 24V 1.00
	4V330E-10-AC110	5 Ports 4 Way 3 Position EXHAUST Center Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Double Solenoid	AC 110V 1.00
	4V330E-10-AC220	5 Ports 4 Way 3 Position EXHAUST Center Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Double Solenoid	AC 220V 1.00
	4V330E-10-DC12W	5 Ports 4 Way 3 Position EXHAUST Center Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Double Solenoid	DC 12V 1.00
	4V330E-10-DC24W	5 Ports 4 Way 3 Position EXHAUST Center Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Double Solenoid	DC 24V 1.00
	4V330E-10-AC24W	5 Ports 4 Way 3 Position EXHAUST Center Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Double Solenoid	AC 24V 1.00
	4V330E-10-AC110W	5 Ports 4 Way 3 Position EXHAUST Center Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Double Solenoid	AC 110V 1.00
	4V330E-10-AC220W	5 Ports 4 Way 3 Position EXHAUST Center Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Double Solenoid	AC 220V 1.00
	4V330P-10-DC12	5 Ports 4 Way 3 Position PRESSURE Center Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Double Solenoid	DC 12V 1.00
	4V330P-10-DC24	5 Ports 4 Way 3 Position PRESSURE Center Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Double Solenoid	DC 24V 1.00
	4V330P-10-AC24	5 Ports 4 Way 3 Position PRESSURE Center Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Double Solenoid	AC 24V 1.00
	4V330P-10-AC110	5 Ports 4 Way 3 Position PRESSURE Center Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Double Solenoid	AC 110V 1.00
	4V330P-10-AC220	5 Ports 4 Way 3 Position PRESSURE Center Valve 3/8" NPT (Exh. 1/4")	DIN Connector	Double Solenoid	AC 220V 1.00
	4V330P-10-DC12W	5 Ports 4 Way 3 Position PRESSURE Center Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Double Solenoid	DC 12V 1.00
	4V330P-10-DC24W	5 Ports 4 Way 3 Position PRESSURE Center Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Double Solenoid	DC 24V 1.00
	4V330P-10-AC24W	5 Ports 4 Way 3 Position PRESSURE Center Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Double Solenoid	AC 24V 1.00
	4V330P-10-AC110W	5 Ports 4 Way 3 Position PRESSURE Center Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Double Solenoid	AC 110V 1.00
	4V330P-10-AC220W	5 Ports 4 Way 3 Position PRESSURE Center Valve 3/8" NPT (Exh. 1/4")	Wire Leads	Double Solenoid	AC 220V 1.00
	4V410-15-DC12	5 Ports 4 Way 2 Position Valve 1/2" NPT	DIN Connector	Single Solenoid	DC 12V 2.79
	4V410-15-DC24	5 Ports 4 Way 2 Position Valve 1/2" NPT	DIN Connector	Single Solenoid	DC 24V 2.79
	4V410-15-AC24	5 Ports 4 Way 2 Position Valve 1/2" NPT	DIN Connector	Single Solenoid	AC 24V 2.79
	4V410-15-AC110	5 Ports 4 Way 2 Position Valve 1/2" NPT	DIN Connector	Single Solenoid	AC 110V 2.79
	4V410-15-AC220	5 Ports 4 Way 2 Position Valve 1/2" NPT	DIN Connector	Single Solenoid	AC 220V 2.79
	4V410-15-DC12W	5 Ports 4 Way 2 Position Valve 1/2" NPT	Wire Leads	Single Solenoid	DC 12V 2.79
	4V410-15-DC24W	5 Ports 4 Way 2 Position Valve 1/2" NPT	Wire Leads	Single Solenoid	DC 24V 2.79
	4V410-15-AC24W	5 Ports 4 Way 2 Position Valve 1/2" NPT	Wire Leads	Single Solenoid	AC 24V 2.79
	4V410-15-AC110W	5 Ports 4 Way 2 Position Valve 1/2" NPT	Wire Leads	Single Solenoid	AC 110V 2.79
	4V410-15-AC220W	5 Ports 4 Way 2 Position Valve 1/2" NPT	Wire Leads	Single Solenoid	AC 220V 2.79
	4V420-15-DC12	5 Ports 4 Way 2 Position Valve 1/2" NPT	DIN Connector	Double Solenoid	DC 12V 2.79
	4V420-15-DC24	5 Ports 4 Way 2 Position Valve 1/2" NPT	DIN Connector	Double Solenoid	DC 24V 2.79
	4V420-15-AC24	5 Ports 4 Way 2 Position Valve 1/2" NPT	DIN Connector	Double Solenoid	AC 24V 2.79
	4V420-15-AC110	5 Ports 4 Way 2 Position Valve 1/2" NPT	DIN Connector	Double Solenoid	AC 110V 2.79
	4V420-15-AC220	5 Ports 4 Way 2 Position Valve 1/2" NPT	DIN Connector	Double Solenoid	AC 220V 2.79
	4V420-15-DC12W	5 Ports 4 Way 2 Position Valve 1/2" NPT	Wire Leads	Double Solenoid	DC 12V 2.79
	4V420-15-DC24W	5 Ports 4 Way 2 Position Valve 1/2" NPT	Wire Leads	Double Solenoid	DC 24V 2.79
	4V420-15-AC24W	5 Ports 4 Way 2 Position Valve 1/2" NPT	Wire Leads	Double Solenoid	AC 24V 2.79
	4V420-15-AC110W	5 Ports 4 Way 2 Position Valve 1/2" NPT	Wire Leads	Double Solenoid	AC 110V 2.79
	4V420-15-AC220W	5 Ports 4 Way 2 Position Valve 1/2" NPT	Wire Leads	Double Solenoid	AC 220V 2.79

**Solenoid Valves**

**Features/Specifications:**

**Pilot type:** Direct & Solenoid  
**Mount:** Inline or Manifold  
**Wiring:** DIN Connector with LED  
**Insulation:** F Class  
**Water/Dust Protection:** IP65  
**Override:** Manual, Locking (3V, 4V Series)  
**Pressure:** 22 - 116 PSI (1.5 - 8 Bar)  
**Temperature:** -5 to +50°C (41 - 122°F)  
**Voltage Tolerance:** ±10% of Rated Voltage  
**Highest Action Frequency:** 6 cycles/sec



Model	Description	Connection		Voltage	Flow (Cv)
4V430C-15-DC12	5 Ports 4 Way 3 Position CLOSED Center Valve 1/2" NPT	DIN Connector	Double Solenoid	DC 12V	1.68
4V430C-15-DC24	5 Ports 4 Way 3 Position CLOSED Center Valve 1/2" NPT	DIN Connector	Double Solenoid	DC 24V	1.68
4V430C-15-AC24	5 Ports 4 Way 3 Position CLOSED Center Valve 1/2" NPT	DIN Connector	Double Solenoid	AC 24V	1.68
4V430C-15-AC110	5 Ports 4 Way 3 Position CLOSED Center Valve 1/2" NPT	DIN Connector	Double Solenoid	AC 110V	1.68
4V430C-15-AC220	5 Ports 4 Way 3 Position CLOSED Center Valve 1/2" NPT	DIN Connector	Double Solenoid	AC 220V	1.68
4V430C-15-DC12W	5 Ports 4 Way 3 Position CLOSED Center Valve 1/2" NPT	Wire Leads	Double Solenoid	DC 12V	1.68
4V430C-15-DC24W	5 Ports 4 Way 3 Position CLOSED Center Valve 1/2" NPT	Wire Leads	Double Solenoid	DC 24V	1.68
4V430C-15-AC24W	5 Ports 4 Way 3 Position CLOSED Center Valve 1/2" NPT	Wire Leads	Double Solenoid	AC 24V	1.68
4V430C-15-AC110W	5 Ports 4 Way 3 Position CLOSED Center Valve 1/2" NPT	Wire Leads	Double Solenoid	AC 110V	1.68
4V430C-15-AC220W	5 Ports 4 Way 3 Position CLOSED Center Valve 1/2" NPT	Wire Leads	Double Solenoid	AC 220V	1.68
4V430E-15-DC12	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/2" NPT	DIN Connector	Double Solenoid	DC 12V	1.68
4V430E-15-DC24	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/2" NPT	DIN Connector	Double Solenoid	DC 24V	1.68
4V430E-15-AC24	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/2" NPT	DIN Connector	Double Solenoid	AC 24V	1.68
4V430E-15-AC110	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/2" NPT	DIN Connector	Double Solenoid	AC 110V	1.68
4V430E-15-AC220	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/2" NPT	DIN Connector	Double Solenoid	AC 220V	1.68
4V430E-15-DC12W	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/2" NPT	Wire Leads	Double Solenoid	DC 12V	1.68
4V430E-15-DC24W	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/2" NPT	Wire Leads	Double Solenoid	DC 24V	1.68
4V430E-15-AC24W	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/2" NPT	Wire Leads	Double Solenoid	AC 24V	1.68
4V430E-15-AC110W	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/2" NPT	Wire Leads	Double Solenoid	AC 110V	1.68
4V430E-15-AC220W	5 Ports 4 Way 3 Position EXHAUST Center Valve 1/2" NPT	Wire Leads	Double Solenoid	AC 220V	1.68
4V430P-15-DC12	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/2" NPT	DIN Connector	Double Solenoid	DC 12V	1.68
4V430P-15-DC24	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/2" NPT	DIN Connector	Double Solenoid	DC 24V	1.68
4V430P-15-AC24	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/2" NPT	DIN Connector	Double Solenoid	AC 24V	1.68
4V430P-15-AC110	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/2" NPT	DIN Connector	Double Solenoid	AC 110V	1.68
4V430P-15-AC220	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/2" NPT	DIN Connector	Double Solenoid	AC 220V	1.68
4V430P-15-DC12	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/2" NPT	Wire Leads	Double Solenoid	DC 12V	1.68
4V430P-15-DC24	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/2" NPT	Wire Leads	Double Solenoid	DC 24V	1.68
4V430P-15-AC24	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/2" NPT	Wire Leads	Double Solenoid	AC 24V	1.68
4V430P-15-AC110	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/2" NPT	Wire Leads	Double Solenoid	AC 110V	1.68
4V430P-15-AC220	5 Ports 4 Way 3 Position PRESSURE Center Valve 1/2" NPT	Wire Leads	Double Solenoid	AC 220V	1.68




**Air Piloted Valves**


Model	Description	Flow (Cv)
3A110-06	3 Way 2 Position NORMALLY CLOSED Air Piloted Valve 1/8" NPT	
3A110-06NO	3 Way 2 Position NORMALLY OPEN Air Piloted Valve 1/8" NPT	
3A120-06	3 Way 2 Position NORMALLY CLOSED Double Air Piloted Valve 1/8" NPT	
3A210-08	3 Way 2 Position NORMALLY CLOSED Air Piloted Valve 1/4" NPT	0.89
3A210-08NO	3 Way 2 Position NORMALLY OPEN Air Piloted Valve 1/4" NPT	0.89
3A220-08	3 Way 2 Position NORMALLY CLOSED Double Air Piloted Valve 1/4" NPT	0.89
3A310-10	3 Way 2 Position NORMALLY CLOSED Air Piloted Valve 3/8" NPT	1.68
3A310-10NO	3 Way 2 Position NORMALLY OPEN Air Piloted Valve 3/8" NPT	1.68
3A320-10	3 Way 2 Position NORMALLY CLOSED Double Air Piloted Valve 3/8" NPT	1.68
3A410-15	3 Way 2 Position NORMALLY CLOSED Air Piloted Valve 1/2" NPT	2.79
3A410-15NO	3 Way 2 Position NORMALLY OPEN Air Piloted Valve 1/2" NPT	2.79
3A420-15	3 Way 2 Position NORMALLY CLOSED Double Air Piloted Valve 1/2" NPT	2.79
4A110-06	5 Ports 4 Way 2 Position Air Piloted Valve 1/8" NPT	
4A120-06	5 Ports 4 Way 2 Position Double Air Piloted Valve 1/8" NPT	
4A130C-06	5 Ports 4 Way 3 Position CENTER CLOSED Air Piloted Valve 1/8" NPT	
4A130E-06	5 Ports 4 Way 3 Position EXHAUST CENTER Air Piloted Valve 1/8" NPT	
4A210-08	5 Ports 4 Way 2 Position Air Piloted Valve 1/4" NPT (Exh. 1/8" NPT)	0.89
4A220-08	5 Ports 4 Way 2 Position Double Air Piloted Valve 1/4" NPT (Exh. 1/8" NPT)	0.89
4A230C-08	5 Ports 4 Way 3 Position CENTER CLOSED Air Piloted Valve 1/4" NPT	
4A230E-08	5 Ports 4 Way 3 Position EXHAUST CENTER Air Piloted Valve 1/4" NPT	
4A310-10	5 Ports 4 Way 2 Position Air Piloted Valve 3/8" NPT (Exh. 1/4" NPT)	1.68
4A320-10	5 Ports 4 Way 2 Position Double Air Piloted Valve 3/8" NPT (Exh. 1/4" NPT)	1.68
4A330C-10	5 Ports 4 Way 3 Position CENTER CLOSED Air Piloted Valve 3/8" NPT	
4A330E-10	5 Ports 4 Way 3 Position EXHAUST CENTER Air Piloted Valve 3/8" NPT	
4A410-15	5 Ports 4 Way 2 Position Air Piloted Valve 1/2" NPT	2.79
4A420-15	5 Ports 4 Way 2 Position Double Air Piloted Valve 1/2" NPT	2.79
4A430C-15	5 Ports 4 Way 3 Position CENTER CLOSED Air Piloted Valve 1/2" NPT	
4A430E-15	5 Ports 4 Way 3 Position EXHAUST CENTER Air Piloted Valve 1/2" NPT	





**Hand Lever Valves**

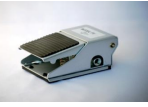

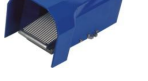


	Model	Description	Flow (Cv)
		4H210-06	5 Ports 4 Way 2 Position Hand Lever Valve 1/8" NPT Detented
	4H210-06S	5 Ports 4 Way 2 Position Hand Lever Valve 1/8" NPT Spring Return	0.78
	4H210-08	5 Ports 4 Way 2 Position Hand Lever Valve 1/4" NPT (Exh. 1/8") Detented	0.89
	4H210-08S	5 Ports 4 Way 2 Position Hand Lever Valve 1/4" NPT (Exh. 1/8") Spring Return	0.89
	4H230C-08	5 Ports 4 Way 3 Position Closed Center Hand Lever Valve 1/4" NPT Detented	0.67
	4H230E-08	5 Ports 4 Way 3 Position Exhaust Center Hand Lever Valve 1/4" NPT (Exh. 1/8") Detented	
	4H230P-08	5 Ports 4 Way 3 Position Pressure Center Hand Lever Valve 1/4" NPT (Exh. 1/8") Detented	
	4H230C-08S	5 Ports 4 Way 3 Position Closed Center Hand Lever Valve 1/4" NPT (Exh. 1/8") Spring Return	0.67
	4H230E-08S	5 Ports 4 Way 3 Position Exhaust Center Hand Lever Valve 1/4" NPT (Exh. 1/8") Spring Return	
	4H230P-08S	5 Ports 4 Way 3 Position Pressure Center Hand Lever Valve 1/4" NPT (Exh. 1/8") Spring Return	
	4H310-10	5 Ports 4 Way 2 Position Hand Lever Valve 3/8" NPT (Exh. 1/4") Detented	1.40
	4H310-10S	5 Ports 4 Way 2 Position Hand Lever Valve 3/8" NPT (Exh. 1/4") Spring Return	1.40
	4H330C-10	5 Ports 4 Way 3 Position Closed Center Hand Lever Valve 3/8" NPT (Exh. 1/4") Detented	1.00
	4H330E-10	5 Ports 4 Way 3 Position Exhaust Center Hand Lever Valve 3/8" NPT (Exh. 1/4") Detented	
	4H330P-10	5 Ports 4 Way 3 Position Pressure Center Hand Lever Valve 3/8" NPT (Exh. 1/4") Detented	
	4H330C-10S	5 Ports 4 Way 3 Position Closed Center Hand Lever Valve 3/8" NPT (Exh. 1/4") Spring Return	1.00
	4H330E-10S	5 Ports 4 Way 3 Position Exhaust Center Hand Lever Valve 3/8" NPT (Exh. 1/4") Spring Return	
	4H330P-10S	5 Ports 4 Way 3 Position Pressure Center Hand Lever Valve 3/8" NPT (Exh. 1/4") Spring Return	
	4H410-15	5 Ports 4 Way 2 Position Hand Lever Valve 1/2" NPT Detented	2.79
	4H410-15S	5 Ports 4 Way 2 Position Hand Lever Valve 1/2" NPT Spring Return	2.79
	4H430C-15	5 Ports 4 Way 3 Position Closed Center Hand Lever Valve 1/2" NPT Detented	1.68
	4H430E-15	5 Ports 4 Way 3 Position Exhaust Center Hand Lever Valve 1/2" NPT Detented	
	4H430P-15	5 Ports 4 Way 3 Position Pressure Center Hand Lever Valve 1/2" NPT Detented	
	4H430C-15S	5 Ports 4 Way 3 Position Closed Center Hand Lever Valve 1/2" NPT Spring Return	
	4H430E-15S	5 Ports 4 Way 3 Position Exhaust Center Hand Lever Valve 1/2" NPT Spring Return	1.68
	4H430P-15S	5 Ports 4 Way 3 Position Pressure Center Hand Lever Valve 1/2" NPT Spring Return	

	Model	Description	Flow (Cv)
		MHVL2322	3 Way 2 Position Hand Lever Valve 1/4" NPT Detented
	MHVL2322-S	3 Way 2 Position Hand Lever Valve 1/4" NPT Spring Return	1.00
	MHVL2522	5 Ports 4 Way 2 Position Hand Lever Valve 1/4" NPT (Exh. 1/8") Detented	1.00
	MHVL2522-S	5 Ports 4 Way 2 Position Hand Lever Valve 1/4" NPT (Exh. 1/8") Spring Return	1.00

 	Model	Description	Flow (Cv)
		HV400-02	4 Way 3 Position Hand Lever Valve 1/4" NPT Detented
	HV400-03	4 Way 3 Position Hand Lever Valve 3/8" NPT Detented	1.68
	HV400-04	4 Way 3 Position Hand Lever Valve 1/2" NPT Detented	1.68
	4HV210-06	4 Way 2 Position Hand Lever Valve 1/8" NPT Detented	
	4HV230C-06	4 Way 3 Position Hand Lever Closed Center Valve 1/8" NPT Detented	
	4HV210-08	4 Way 2 Position Hand Lever Valve 1/4" NPT Detented	
	4HV230C-08	4 Way 3 Position Hand Lever Closed Center Valve 1/4" NPT Detented	
	4HV310-10	4 Way 2 Position Hand Lever Valve 3/8" NPT Detented	
	4HV330C-10	4 Way 3 Position Hand Lever Closed Center Valve 3/8" NPT Detented	
	4HV310-15	4 Way 2 Position Hand Lever Valve 1/2" NPT Detented	
	4HV330C-15	4 Way 3 Position Hand Lever Closed Center Valve 1/2" NPT Detented	

**Foot Valves**

  	Model	Description				
		FV320	3 Way 2 Position Foot Pedal Valve 1/4" NPT (Exh. 1/8" NPT) Spring Return			
	FV420	4 Way 2 Position Foot Pedal Valve 1/4" NPT (Exh. 1/8" NPT) Spring Return				
	4F210-08	4 Way 2 Position Foot Pedal Valve 1/4" NPT Spring Return				
	4F210-08L	4 Way 2 Position Foot Pedal Valve 1/4" NPT with Lock				
	4F210-08G	4 Way 2 Position Foot Pedal Valve 1/4" NPT with Guard				
	4F210-08LG	4 Way 2 Position Foot Pedal Valve 1/4" NPT with Guard and Lock				

**Push Button Valves**


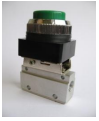







	Model	Description	Thread	Flow (Cv)
	MPBV0321	3 Way 2 Position Direct Plunger Operated Valve 1/8" NPT Spring Return	1/8" NPT	0.89
	MPBV0322	3 Way 2 Position Direct Plunger Operated Valve 1/4" NPT Spring Return	1/4" NPT	0.89
	MPBV0521	5 Ports 4 Way 2 Position Direct Plunger Operated Valve 1/8" NPT Spring Return	1/8" NPT	0.89
	MPBV0522	5 Ports 4 Way 2 Position Direct Plunger Operated Valve 1/4" NPT (Exh. 1/8" NPT) Spring Return	1/4" NPT	0.89
	MPBV1321	3 Way 2 Position Green Convex Push Button Valve 1/8" NPT Spring Return	1/8" NPT	0.89
	MPBV1322	3 Way 2 Position Green Convex Push Button Valve 1/4" NPT Spring Return	1/4" NPT	0.89
	MPBV1521	5 Ports 4 Way 2 Position Green Convex Push Button Valve 1/8" NPT Spring Return	1/8" NPT	0.89
	MPBV1522	5 Ports 4 Way 2 Position Green Convex Push Button Valve 1/4" NPT (Exh. 1/8" NPT) Spring Return	1/4" NPT	0.89
	MPBV2321	3 Way 2 Position Green Flat Push Button Valve 1/8" NPT Spring Return	1/8" NPT	0.89
	MPBV2322	3 Way 2 Position Green Flat Push Button Valve 1/4" NPT Spring Return	1/4" NPT	0.89
	MPBV2521	5 Ports 4 Way 2 Position Green Flat Push Button Valve 1/8" NPT Spring Return	1/8" NPT	0.89
	MPBV2522	5 Ports 4 Way 2 Position Green Flat Push Button Valve 1/4" NPT (Exh. 1/8" NPT) Spring Return	1/4" NPT	0.89
	MPBV3321	3 Way 2 Position Green Mushroom Push Button Valve 1/8" NPT Spring Return	1/8" NPT	0.89
	MPBV3322	3 Way 2 Position Green Mushroom Push Button Valve 1/4" NPT Spring Return	1/4" NPT	0.89
	MPBV3521	5 Ports 4 Way 2 Position Green Mushroom Push Button Valve 1/8" NPT Spring Return	1/8" NPT	0.89
	MPBV3522	5 Ports 4 Way 2 Position Green Mushroom Push Button Valve 1/4" NPT (Exh. 1/8" NPT) Spring Return	1/4" NPT	0.89
	MPBV4321	3 Way 2 Position Red Mushroom Valve 1/8" NPT Detented	1/8" NPT	0.89
	MPBV4322	3 Way 2 Position Red Mushroom Valve 1/4" NPT Detented	1/4" NPT	0.89
	MPBV4521	5 Ports 4 Way 2 Position Red Mushroom Valve 1/8" NPT Detented	1/8" NPT	0.89
	MPBV4522	5 Ports 4 Way 2 Position Red Mushroom Valve 1/4" NPT (Exh. 1/8" NPT) Detented	1/4" NPT	0.89
	MPBV5321	3 Way 2 Position Roller Type Valve 1/8" NPT Spring Return	1/8" NPT	0.89
	MPBV5322	3 Way 2 Position Roller Type Valve 1/4" NPT Spring Return	1/4" NPT	0.89
	MPBV5521	5 Ports 4 Way 2 Position Roller Type Valve 1/8" NPT Spring Return	1/8" NPT	0.89
	MPBV5522	5 Ports 4 Way 2 Position Roller Type Valve 1/4" NPT (Exh. 1/8" NPT) Spring Return	1/4" NPT	0.89
	MPBV6321	3 Way 2 Position Selector Type Valve 1/8" NPT Detented	1/8" NPT	0.89
	MPBV6322	3 Way 2 Position Selector Type Valve 1/4" NPT Detented	1/4" NPT	0.89
	MPBV6521	5 Ports 4 Way 2 Position Selector Type Valve 1/8" NPT Detented	1/8" NPT	0.89
	MPBV6522	5 Ports 4 Way 2 Position Selector Type Valve 1/4" NPT (Exh. 1/8" NPT) Detented	1/4" NPT	0.89
	MPBV7321	3 Way 2 Position Twist Lever Type Valve 1/8" NPT Detented	1/8" NPT	0.89
	MPBV7322	3 Way 2 Position Twist Lever Type Valve 1/4" NPT Detented	1/4" NPT	0.89
	MPBV7521	5 Ports 4 Way 2 Position Twist Lever Type Valve 1/8" NPT Detented	1/8" NPT	0.89
	MPBV7522	5 Ports 4 Way 2 Position Twist Lever Type Valve 1/4" NPT (Exh. 1/8" NPT) Detented	1/4" NPT	0.89
	MPBV8321	3 Way 2 Position Push-Pull Valve 1/8" NPT Detented	1/8" NPT	0.78
	MPBV8322	3 Way 2 Position Push-Pull Valve 1/4" NPT Detented	1/4" NPT	0.89
	MPBV8521	5 Ports 4 Way 2 Position Push-Pull Valve 1/8" NPT Detented	1/8" NPT	0.78
	MPBV8522	5 Ports 4 Way 2 Position Push-Pull Valve 1/4" NPT (Exh. 1/8" NPT) Detented	1/4" NPT	0.89
	MPTV1522	5 Ports 4 Way 2 Position Toggle Valve 1/4" NPT Detented	1/4" NPT	1.00




**Push Button Valves (Mini)**

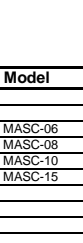


	Model	Description			Thread	Flow (Cv)
	MPBS0321	3 Way 2 Position Direct Plunger Operated MINI Valve 1/8" NPT Spring Return			1/8" NPT	0.67
	MPBS1321	3 Way 2 Position Green Convex Push Button MINI Valve 1/8" NPT Spring Return			1/8" NPT	0.67
	MPBS2321	3 Way 2 Position Green Flat Push Button MINI Valve 1/8" NPT Spring Return			1/8" NPT	0.67
	MPBS3321	3 Way 2 Position Green Mushroom Button MINI Valve 1/8" NPT Spring Return			1/8" NPT	0.67
	MPBS4321	3 Way 2 Position Red Mushroom Button MINI Valve 1/8" NPT Detented			1/8" NPT	0.67
	MPBS5321	3 Way 2 Position Roller Type MINI Valve 1/8" NPT Spring Return			1/8" NPT	0.67
	MPBS6321	3 Way 2 Position Selector Type MINI Valve 1/8" NPT Detented			1/8" NPT	0.67

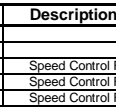
**Flow Control Valves**



	Model	Description	Thread
	MASC-06	Speed Control Female-Female 1/8" NPT	1/8" NPT
	MASC-08	Speed Control Female-Female 1/4" NPT	1/4" NPT
	MASC-10	Speed Control Female-Female 3/8" NPT	3/8" NPT
	MASC-15	Speed Control Female-Female 1/2" NPT	1/2" NPT
	<b>Body Material - Aluminum</b>		

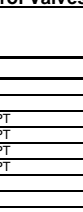
	Model	Description	Thread
	MFSC-N01	Elbow Speed Control Male-Female 1/8" NPT Brass Nickel Plated	1/8" NPT
	MFSC-N02	Elbow Speed Control Male-Female 1/4" NPT Brass Nickel Plated	1/4" NPT
	<b>Material:</b>	<b>Nickel Plated Brass</b>	

**Threaded Check Valves**

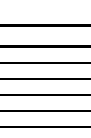
	Model	Description	Thread
	CVFF-N01	Aluminum Check Valve Female-Female	1/8" NPT
	CVFF-N02	Aluminum Check Valve Female-Female	1/4" NPT
	CVFF-N03	Aluminum Check Valve Female-Female	3/8" NPT
	CVFF-N04	Aluminum Check Valve Female-Female	1/2" NPT
	CVFF-N06	Aluminum Check Valve Female-Female	3/4" NPT
	CVFF-N10	Aluminum Check Valve Female-Female	1" NPT
	<b>Body Material:</b>	<b>Aluminum</b>	

Model	Description	Thread
BCVFM-N01	Check Valve Female-Male 1/8" NPT Brass Nickel Plated	1/8" NPT

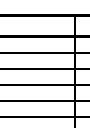
**Quick Exhaust Valves**

	Model	Description	Thread
	QE-N01	Quick Exhaust Valve Aluminum	1/8" NPT
	QE-N02	Quick Exhaust Valve Aluminum	1/4" NPT
	QE-N03	Quick Exhaust Valve Aluminum	3/8" NPT
	QE-N04	Quick Exhaust Valve Aluminum	1/2" NPT
	QE-N06	Quick Exhaust Valve Aluminum	3/4" NPT
<b>Body Material - Aluminum</b>			

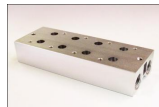

	Model	Description	Thread
	BQE-N01	Quick Exhaust Valve Brass	1/8" NPT
	BQE-N02	Quick Exhaust Valve Brass	1/4" NPT
	BQE-N03	Quick Exhaust Valve Brass	3/8" NPT
	BQE-N04	Quick Exhaust Valve Brass	1/2" NPT
<b>Body Material - Nickel Plated Brass</b>			

**Shuttle Valves**

	Model	Description	Thread
	ST-N01	Shuttle Valve Aluminum	1/8" NPT
	ST-N02	Shuttle Valve Aluminum	1/4" NPT
	ST-N03	Shuttle Valve Aluminum	3/8" NPT
	ST-N04	Shuttle Valve Aluminum	1/2" NPT
	<b>Body Material - Aluminum</b>		

**Manifolds**



	<b>Model</b>	<b>Description</b>
	3V100M-2	2 Row Manifold for 3V100 / 3A100 Series Valves
	3V100M-4	4 Row Manifold for 3V100 / 3A100 Series Valves
	3V100M-6	6 Row Manifold for 3V100 / 3A100 Series Valves
	3V100M-8	8 Row Manifold for 3V100 / 3A100 Series Valves
	3V100M-10	10 Row Manifold for 3V100 / 3A100 Series Valves
	3V100M-12	12 Row Manifold for 3V100 / 3A100 Series Valves
	3V100M-14	14 Row Manifold for 3V100 / 3A100 Series Valves
	3V100M-16	16 Row Manifold for 3V100 / 3A100 Series Valves
	3V100M-BP	Block Off Plate for 3V100 / 3A100 Series Manifolds
	3V200M-2	2 Row Manifold for 3V200 / 3A200 Series Valves
	3V200M-4	4 Row Manifold for 3V200 / 3A200 Series Valves
	3V200M-6	6 Row Manifold for 3V200 / 3A200 Series Valves
	3V200M-8	8 Row Manifold for 3V200 / 3A200 Series Valves
	3V200M-10	10 Row Manifold for 3V200 / 3A200 Series Valves
	3V200M-12	12 Row Manifold for 3V200 / 3A200 Series Valves
	3V200M-14	14 Row Manifold for 3V200 / 3A200 Series Valves
	3V200M-16	16 Row Manifold for 3V200 / 3A200 Series Valves
	3V200M-BP	Block Off Plate for 3V200 / 3A200 Series Manifolds
	3V300M-2	2 Row Manifold for 3V300 / 3A300 Series Valves
	3V300M-4	4 Row Manifold for 3V300 / 3A300 Series Valves
	3V300M-6	6 Row Manifold for 3V300 / 3A300 Series Valves
	3V300M-8	8 Row Manifold for 3V300 / 3A300 Series Valves
	3V300M-10	10 Row Manifold for 3V300 / 3A300 Series Valves
	3V300M-12	12 Row Manifold for 3V300 / 3A300 Series Valves
	3V300M-14	14 Row Manifold for 3V300 / 3A300 Series Valves
	3V300M-16	16 Row Manifold for 3V300 / 3A300 Series Valves
	3V300M-BP	Block Off Plate for 3V300 / 3A300 Series Manifolds
	3V400M-2	2 Row Manifold for 3V400 / 3A400 Series Valves
	3V400M-4	4 Row Manifold for 3V400 / 3A400 Series Valves
	3V400M-6	6 Row Manifold for 3V400 / 3A400 Series Valves
	3V400M-8	8 Row Manifold for 3V400 / 3A400 Series Valves
	3V400M-10	10 Row Manifold for 3V400 / 3A400 Series Valves
	3V400M-12	12 Row Manifold for 3V400 / 3A400 Series Valves
	3V400M-14	14 Row Manifold for 3V400 / 3A400 Series Valves
	3V400M-16	16 Row Manifold for 3V400 / 3A400 Series Valves
	3V400M-BP	Block Off Plate for 3V400 / 3A400 Series Manifolds
	<b>Model</b>	<b>Description</b>
	4V100M-2	2 Row Manifold for 4V100 / 4A100 Series Valves
	4V100M-4	4 Row Manifold for 4V100 / 4A100 Series Valves
	4V100M-6	6 Row Manifold for 4V100 / 4A100 Series Valves
	4V100M-8	8 Row Manifold for 4V100 / 4A100 Series Valves
	4V100M-10	10 Row Manifold for 4V100 / 4A100 Series Valves
	4V100M-12	12 Row Manifold for 4V100 / 4A100 Series Valves
	4V100M-14	14 Row Manifold for 4V100 / 4A100 Series Valves
	4V100M-16	16 Row Manifold for 4V100 / 4A100 Series Valves
	4V100M-BP	Block Off Plate for 4V100 / 4A100 Series Manifolds
	4V200M-2	2 Row Manifold for 4V200 / 4A200 Series Valves
	4V200M-4	4 Row Manifold for 4V200 / 4A200 Series Valves
	4V200M-6	6 Row Manifold for 4V200 / 4A200 Series Valves
	4V200M-8	8 Row Manifold for 4V200 / 4A200 Series Valves
	4V200M-10	10 Row Manifold for 4V200 / 4A200 Series Valves
	4V200M-12	12 Row Manifold for 4V200 / 4A200 Series Valves
	4V200M-14	14 Row Manifold for 4V200 / 4A200 Series Valves
	4V200M-16	16 Row Manifold for 4V200 / 4A200 Series Valves
	4V200M-BP	Block Off Plate for 4V200 / 4A200 Series Manifolds
	4V300M-2	2 Row Manifold for 4V300 / 4A300 Series Valves
	4V300M-4	4 Row Manifold for 4V300 / 4A300 Series Valves
	4V300M-6	6 Row Manifold for 4V300 / 4A300 Series Valves
	4V300M-8	8 Row Manifold for 4V300 / 4A300 Series Valves
	4V300M-10	10 Row Manifold for 4V300 / 4A300 Series Valves
	4V300M-12	12 Row Manifold for 4V300 / 4A300 Series Valves
	4V300M-14	14 Row Manifold for 4V300 / 4A300 Series Valves
	4V300M-16	16 Row Manifold for 4V300 / 4A300 Series Valves
	4V300M-BP	Block Off Plate for 4V300 / 4A300 Series Manifolds
	4V400M-2	2 Row Manifold for 4V400 / 4A400 Series Valves
	4V400M-4	4 Row Manifold for 4V400 / 4A400 Series Valves
	4V400M-6	6 Row Manifold for 4V400 / 4A400 Series Valves
	4V400M-8	8 Row Manifold for 4V400 / 4A400 Series Valves
	4V400M-10	10 Row Manifold for 4V400 / 4A400 Series Valves
	4V400M-12	12 Row Manifold for 4V400 / 4A400 Series Valves
	4V400M-14	14 Row Manifold for 4V400 / 4A400 Series Valves
	4V400M-16	16 Row Manifold for 4V400 / 4A400 Series Valves
	4V400M-BP	Block Off Plate for 4V400 / 4A400 Series Manifolds
	<b>Material:</b>	Aluminum Mounting Hardware and Seals included

**Solenoid Coils/Din Connectors**



	<b>Model</b>	<b>Description</b>				
	C100-DC12	Coil for 100 Series Solenoid Valves DIN Connector				DC 12V
	C100-DC24	Coil for 100 Series Solenoid Valves DIN Connector				DC 24V
	C100-AC24	Coil for 100 Series Solenoid Valves DIN Connector				
	C100-AC110	Coil for 100 Series Solenoid Valves DIN Connector				AC 110V
	C100-AC220	Coil for 100 Series Solenoid Valves DIN Connector				AC 220V
	C100-DC12W	Coil for 100 Series Solenoid Valves Lead Wire				DC 12V
	C100-DC24W	Coil for 100 Series Solenoid Valves Lead Wire				DC 24V
	C100-AC24W	Coil for 100 Series Solenoid Valves Lead Wire				
	C100-AC110W	Coil for 100 Series Solenoid Valves Lead Wire				AC 110V
	C100-AC220W	Coil for 100 Series Solenoid Valves Lead Wire				AC 220V
	C200-DC12	Coil for 200-400 Series Solenoid Valves DIN Connector				DC 12V
	C200-DC24	Coil for 200-400 Series Solenoid Valves DIN Connector				DC 24V
	C200-AC24	Coil for 200-400 Series Solenoid Valves DIN Connector				
	C200-AC110	Coil for 200-400 Series Solenoid Valves DIN Connector				AC 110V
	C200-AC220	Coil for 200-400 Series Solenoid Valves DIN Connector				AC 220V
	C200-DC12W	Coil for 200-400 Series Solenoid Valves Lead Wire				DC 12V
	C200-DC24W	Coil for 200-400 Series Solenoid Valves Lead Wire				DC 24V
	C200-AC24W	Coil for 200-400 Series Solenoid Valves Lead Wire				
	C200-AC110W	Coil for 200-400 Series Solenoid Valves Lead Wire				AC 110V
	C200-AC220W	Coil for 200-400 Series Solenoid Valves Lead Wire				AC 220V
	C100-AC-DIN	DIN Connector for 100 Series AC Solenoid Coil				AC
	C100-DC-DIN	DIN Connector for 100 Series DC Solenoid Coil				DC
	C200-AC-DIN	DIN Connector for 200-400 Series AC Solenoid Coil				AC
	C200-DC-DIN	DIN Connector for 200-400 Series DC Solenoid Coil				DC