



Two Port Two Position Solenoid Valve

Over 25 years sufficient experience in designing and manufacturing makes E·MC a very professional 2/2, 3/2 solenoid valves manufacturer. We have a wide range of solenoid valves designed in different structures supporting for different pressure, temperature, medium, dimensions, condition..... widely used in many area of the industry control systems. This makes E·MC a very trusted and depended supplier for solenoid valves for many customers home and abroad. Among so many kinds of E·MC solenoid valves, you'll find it's always easy for you to choose the most suitable solenoid valve for your system as everything is very clear in the catalog.

Anyway, for anything you're not so clear about the solenoid valves on the E·MC pneumatics & hydraulics catalog, just contact us pneumatic@emc-machinery.com





UD/UW Series Solenoid Valve



UD Series 2/2 Solenoid Valve (Normal Close)



UD

How to Order?

UD	-		-	10	-	E1
UD Series		Blank: NBR		Port Size		E1: AC110V
UDH: High Pressure		V: VITON		06: 1/8"		E2: AC220V
				08: 1/4"		E3: AC380V
				10: 3/8"		E4: DC24V
						E5: DC12V
						E6: AC36V
						E7: AC24V

Order example:

- * UD series, 2 position, 2 port, NBR seal, 1/4" port size, orifice 2.5mm, voltage AC220V, Model: UDE2-08
- * UDH High Pressure series, 2 position, 2 port, NBR seal, 1/4" port size, orifice 1.2mm, voltage AC220V, Model: UDHE2-08

Specifications

Model	UD-06E2	UD-08E2	UD-10E2	UDH-06E2	UDH-08E2	UDH-10E2
Working Medium	Air, Water, Oil, Gas					
Acting Type	Direct acting					
Type	Normal Close Type					
Orifice(mm)	2.5	4	1.2			2
Cv Value	0.23	0.6	0.05			0.15
Port Size	1/8"	1/4"	3/8"	1/8"	1/4"	3/8"
Fluid Viscosity	20 CST (Below)					

* With Voltage AC220V

Model	UD-06E2	UD-08E2	UD-10E2	UDH-06E2	UDH-08E2	UDH-10E2
Working Pressure(Bar)	0-7			0-20		
Max. Pressure Resistance(Bar)	10			35		
Working Temperature Range(°C)	-5-80					
Voltage Range	±10%					
Material of Valve Body	Brass					
Seal Material	NBR, VITON (optional)					

UW Series 2/2 Solenoid Valve (Normal Close)

How to Order?

UW	-		-	06	-	E1
UW Series		Blank: NBR		Port Size		Voltage
		V: VITON		06: 1/8"		E1: AC110V
				10: 3/8"		E2: AC220V
				20: 3/4"		E3: AC380V
				35: 1-1/4"		E4: DC24V
				50: 2"		E5: DC12V
						E6: AC36V
						E7: AC24V

Order example:

- * UW series, 2 position, 2 port, NBR seal, 1/2" port size, voltage AC220V, Model: UW-15E2



UW

Specifications

* With Voltage AC220V

Model	UW-10E2	UW-15E2	UW-20E2	UW-25E2	UW-35E2	UW-40E2	UW-50E2
Orifice(mm)	16	16	20	25	35	40	50
Cv Value	4.8	4.8	7.6	12	24	29	48
Port Size	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Fluid Viscosity	20 CST Below						
Working Pressure(Bar)	Water: 0-5, Air: 0-7, Oil: 0-5, Gas: 0-7						
Max. Pressure Resistance(Bar)	11						
Working Temperature Range(°C)	-5-80						
Voltage Range	±10%						
Valve Body	Brass						
Seal Material	NBR, VITON (optional)						



EMCF/EMCYF Series Solenoid Valve



EMCF Series 2/2 Pulse Valve (Normal Close)

How to Order?



EMCF-25

EMCF-50

EMCF

25

E1

EMCF Series

Orifice
25: 25mm
40: 40mm
50: 50mm
65: 65mm
78: 76mm

Voltage
E1: AC110V
E2: AC220V
E4: DC24V

Order example:

* EMCF series, Orifice: 25mm, Voltage: AC220V, Model: EMCF-25E2

Specifications

Model	EMCF-25E2	EMCF-40E2	EMCF-50E2	EMCF-65E2	EMCF-78E2
Working Pressure(Bar)			4-8		
Working Temperature(°C)			-10-55		
Relative Humidity			<85%		
Working Medium			clean air		
Voltage			AC220V/DC24V		
Diaphragm Life			over one 1,000,000 cycles		
Orifice	φ25	φ40	φ50	φ65	φ78
Port Size	1"	1-1/2"	2"	2-1/2"	3"

* With Voltage AC220V

EMCYF Series 2/2 Pulse Valve (Normal Close)

How to Order?

EMCYF

50

E1

EMCYF Series

Orifice
50: 50mm
62: 62mm
78: 76mm

Voltage
E1: AC110V
E2: AC220V
E4: DC24V



EMCYF-50

Order example:

* EMCYF series, Orifice: 50mm, Voltage: AC220V, Model: EMCYF-50E2

Specifications

Model	EMCYF-60E2	EMCYF-62E2	EMCYF-78E2
Working Pressure(Bar)		2-6	
Working Temperature(°C)		-10-55	
Relative Humidity		<85%	
Working Medium		clean air	
Voltage		AC220V/DC24V	
Diaphragm Life		over one million cycles	
Orifice	φ50	φ62	φ78
Port Size	φ65	φ80	φ99

* With Voltage AC220V