ZS Plastic Series 2/2-way Zero Press Differential Solenoid Valve · Normally Open

1: 2/2 -Way normally open solenoids valve.

2: Open when de-energized,closed when energized

3: Body material: Nylon(PA6)

4: Max pressure: 10bar Ambient temp 0-65℃

5: Serialized products, small in size, large flow rate

6: Voltage:AC 220V/230V/240V/110V/24V/12V

7: Voltage tolerance:-10% ~ +10%

8: Diaphragm seals: NBR, VITON, EPDM, SILICA GEL

9: Plastic body: Its advantages are low cost, light, good appearance and easy to install. Consult factory for other size.

Valve Selection List

Pipe Size	Orifice mm	Operating pressure differential (kgf/cm²) CV Factor	Min.	Max. Air AC	Max. Air DC	Max. Water Hot water Liquids AC	Max. Water Hot water Liquids DC	Max. Fluids Temp. ℃	Coil F Class Type	Power VA AC 220 V	Power W DC 24 V	External Dimensions Length x Width x Height L×B×H	Model Code 220VAC 50/60HZ	Weight (KG)
1/2"	16	4.8	0	5	5	5	5	80	D	33	20	69×57×133	ZS2DF02N7D16	0.6
	16	4.8	0	5	5	5	5	80	D	33	20	69×57×133	ZS2DF02E7D16	0.6
	16	4.8	0	5	5	5	5	80	D	33	20	69×57×133	ZS2DF02V7D16	0.6
	16	4.8	0			3	3	80	D	33	20	69×57×133	ZS2DF02G7D16	0.6
3/4"	20	7.6	0	5	5	5	5	80	D	33	20	73×57×140	ZS2DF02N7E20	0.6
	20	7.6	0	5	5	5	5	80	D	33	20	73×57×140	ZS2DF02E7E20	0.6
	20	7.6	0	5	5	5	5	80	D	33	20	73×57×140	ZS2DF02V7E20	0.6
	20	7.6	0			3	3	80	D	33	20	73×57×140	ZS2DF02G7E20	0.6
1"	25	12	0	5	5	5	5	80	D	33	20	99×77×146	ZS2DF02N7G25	0.7
	25	12	0	5	5	5	5	80	D	33	20	99×77×146	ZS2DF02E7G25	0.7
	25	12	0	5	5	5	5	80	D	33	20	99×77×146	ZS2DF02V7G25	0.7
	25	12	0			3	3	80	D	33	20	99×77×146	ZS2DF02G7G25	0.7

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ZS Series Coil parameters tables

ZS Series Coils Characteristics List

Coils Model Code	Voltage	Power consumption					The orifice for suitable Valve Model. (mm)	
		50HZ VA		60HZ VA		DC		
		Inrush	Holding	Inrush	Holding	W	Normally closed	Normally open
N05-2101	AC220V	32	13	32	12	———	ϕ2.5	
N05-2102	AC110V	32	13	32	12	———	ϕ3.0	———
N05-2106	DC24V	———				8.5		
N05-2107	DC12V	———				8.5		
D01-4101A	AC220V	60	20	60	20	———	ϕ4~ ϕ25	———
N01-4101								
D01-4101B	AC220V	82	33	82	33	———	———	ϕ2.5~ϕ3.0 ϕ4~ ϕ25
N01-4101								
A01-4101	AC220V	70	28	70	23	———	ϕ4~ ϕ25	ϕ4~ ϕ25
D01-4102	AC110V	82	28	82	28			
N01-4102	AC110V	82	28	82	28			
A01-4102	AC110V	70	28	70	23			
D01-4106	DC24V	———				20	ϕ4~ ϕ25	
D01-4107	DC12V							
D08-6101	AC220V	175	57	175	56	———	ϕ32~ ϕ50	
N08-6101								
A08-6101	AC220V	110	44	110	36			
D08-6102	AC110V	110	44	110	36			
N08-6102								
A08-6102	AC110V	110	44	110	36			
D08-6106	DC24V	———				40		
N08-6106								
A08-6106	DC24V	———				49		
A10-92101	AC220V	159	55	150	50	———	Φ65~Φ100	
A10-92106	DC24V	———				64		

SM Coil parameters tables

Coils Model Code	Voltage	Power consumption		Electricity		The orifice for suitable Valve Model. (mm)	
		Inrush	holding	Inrush	holding	Normally closed	Normally open
SM-3101	AC220V	78VA	4.5VA	350mA	20mA	ϕ10	———
SM-3102	AC110V	72VA	5.0VA	660mA	45mA		
SM-3106	DC24V	50W	7.2W	2185mA	350mA		
SM-3104	AC24V	19VA	6.5VA	940mA	310mA		
SM-4101	AC220V	130VA	6VA	590mA	28mA	Compact Direct Acting ϕ4-ϕ10 Diaphragm Type ϕ16-ϕ25	
SM-4102	AC110V	95VA	8.0VA	900mA	75mA		
SM-4106	DC24V	50W	9W	2185mA	385mA		
SM-4104	AC24V	19VA	7.0VA	930mA	360mA		