

2W(UD)系列二位二通膜片电磁阀

2W(UD) Series Two-position Two-way Diaphragm Solenoid Valve

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PNEUMATIC



Y 订购码 / Ordering Code

2W	160	-	15	K	D	DC24V	
							工作电压 Operating voltage
							D: 塑封线圈/Plastic coil
							E: 防爆线圈/Proof coil
							G: 防水线圈/Waterproof coil
							空白: 铁壳线圈
							Blank: Tieke coil
							K: 常开型NO
							K: normally open NO
							空白: 常闭型NC
							Blank: normally closed NC
							接管口径 Port size
							1/8"-2"
							流量口径 Flow path
							160~15mm
							产品型号 Product Type

Y 产品特点 / Product Feature

适用于控制液体, 气体, 轻油($\leq 20\text{CST}$)等介质, 采用直动式结构, 零压力开阀, 流量大, 可靠性高等特点。阀体材质为黄铜(热锻), 该系列具有多种型式, 您可以根据控制需要进行选择。

Suitable for controlling the liquid, gas, light oil ($\leq 20\text{CST}$) and other media, the use of the structure of direct-acting, zero pressure to open the valve, flow rate, and high reliability. Body made of brass (forging), the series has a variety of types, you can control needs.

Y 线圈参数 / Coil Parameters

AC220V 110V 50Hz/60Hz DC 24V 12V
塑封线圈/Plastic coil IP65 F级/Class F
标准接线盒/Standard Junction Box
铁壳线圈/Hulled coil IP54 F级/Class F
引线式/Leaded 可供其它电压线圈/Available for other voltage coil

塑封线圈/Plastic coil	DN2.5~25mm	AC 20VA	DC 18W
	DN35~50mm	AC 40VA	DC 30W
铁壳线圈/Hulled coil	DN2.5~5mm	AC 16VA	DC 16W
	DN10~25mm	AC 20VA	DC 28W
	DN35~50mm	AC 46VA	DC 30W

Y 选配 / Optional

- 密封材质: 氟橡胶 VITON-10°C~130°C, 三元乙丙橡胶 EPDM-10°C~110°C 硅橡胶 VMQ-20°C~110°C。
- 铁壳线圈(常规型), 塑封线圈。
- 螺纹接口: NPT螺纹, RC螺纹。
- 时间定时控制器(只能配在塑封线圈上配用)。

- Seal Material: Viton-10°C~130°C, EPDM-10°C~110°C silicone rubber VMQ-20°C~110°C.
- a steel coil (conventional type), plastic coil.
- Threaded connection: NPT thread, RC thread.
- Time timing controller (only with plastic coil with).

Y 建议 / Proposal

- 您在设计控制方案时尽量选择常闭型(NC), 如电磁阀打开时间较长, 关闭时间较短则选用常开型(NO)。
- 流体中含有杂质, 应在阀前安装过滤器(滤网 ≥ 60 目)。
- 阀体标注方向必须与介质流向一致。
- You try to choose the design of the control scheme normally closed (NC), such as solenoid valves open a long time, shut down for a short time the selection of normally open (NO).
- fluid contains impurities, the filter should be installed before the valve (≥ 60 mesh strainer).
- The direction of the body marks must be consistent with the medium flow.

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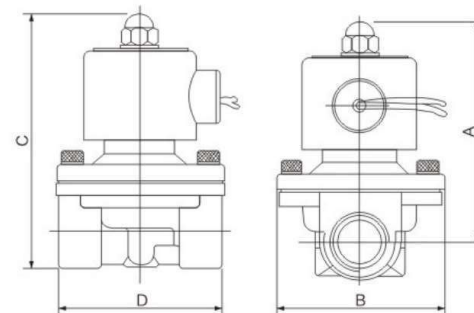
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Y 技术参数 / Technical Data

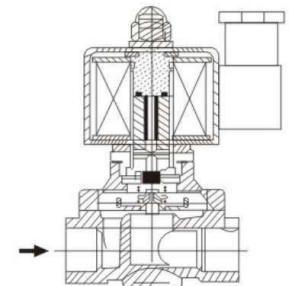
型号 Moled	2W025-06	2W025-08	2W040-10	2W160-10	2W160-15	2W200-20	2W250-25	2W350-35	2W400-40	2W500-50
使用介质 Work Medium	空气、水、油、瓦斯/Air, Water, Oil, Gas									
动作方式 Motion Pattern	直动式/Direct Drive									
型式 Type	常闭型/Normally Closed NC(通电开启/Power-on) 常开型/Normally Open NO(通电关闭/Power off)									
流量孔径(mm) Aperture Do Flow Rate	2.5		4	16	16	20	25	35	40	50
Cv值 Cv Value	0.23		0.6	4.8	4.8	7.6	12	24	29	48
接管口径 Joint Pipe Bore	1/8"	1/4"	3/8"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
使用流体粘度 Operation Fluid Viscosity	20CST以下(Below)									
使用压力(kgf/cm ²) Working-pressure	0~7			油(Oil): 0~5; 瓦斯(Gas): 0~7; 水(Water): 0~5; 空气(Air): 0~7						
最大耐压(kgf/cm ²) Max.Pressure Resistance	10			10.5						
工作温度范围(℃) Operating Temperature Rang	-5~80									
使用电压范围 Voltage Range	± 10%									
本体材质 Material Of Body	2W: 黄铜(Brass)									
油封材质 Material Of Oil Seael	丁腈橡胶/Nitrile rubber(NBR 常规型/Conventional)									

Y 外形尺寸 / Overall Dimension Drawing(mm)



Y 内部结构 / Inner Constriction

常闭式/Normally closed



Y 尺寸表 / Dimension Sheet

型号 Moled	2W025-06	2W025-08	2W040-10	2W160-10	2W160-15	2W200-20	2W250-25	2W350-35	2W400-40	2W500-50
A	66	66	74	101.5	101.5	107	111.5	142	142	172
B	30.3	30.3	32.2	57	57	57	73.5	95	95	123
C	75	75	85.5	117	117	123.5	134.5	172	172	209
D	40.5	40.5	52.5	69	69	73	99	123	123	168