



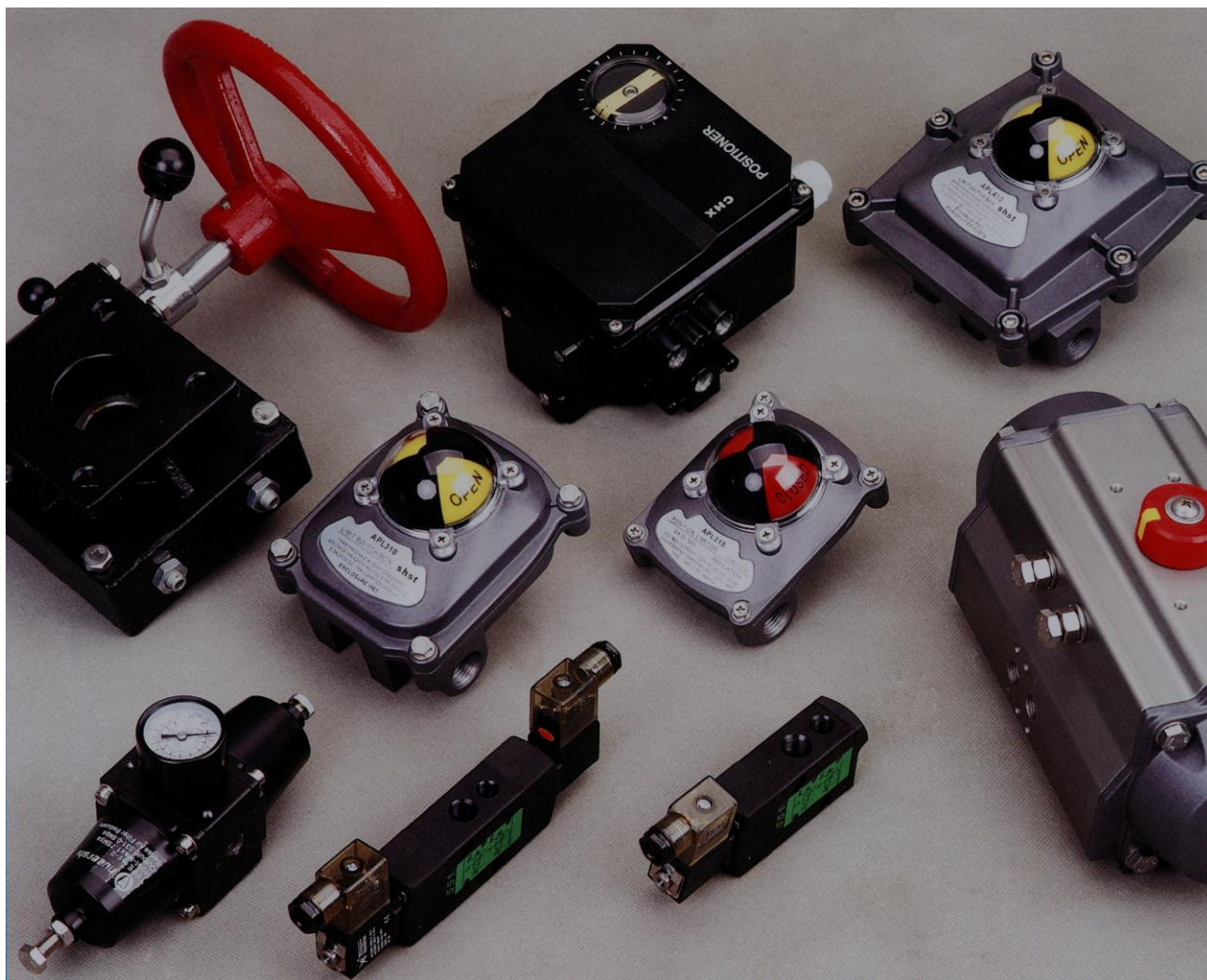
电磁阀



产品使用说明书use specification



上海菲恩自控阀门有限公司
Shanghai Fine Automatic Control Valve Co., Ltd.





电磁阀 Solenoid Valve

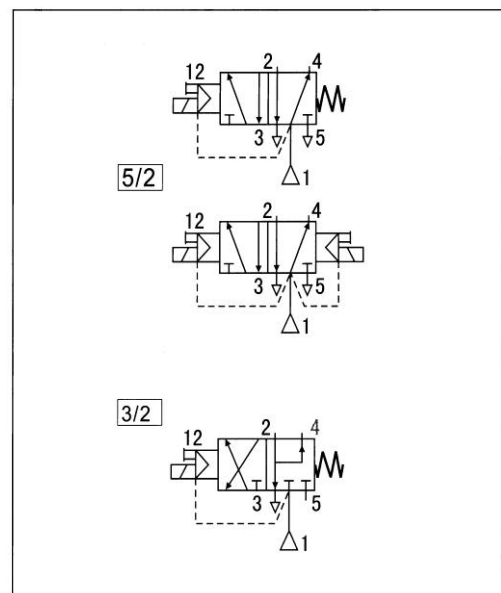
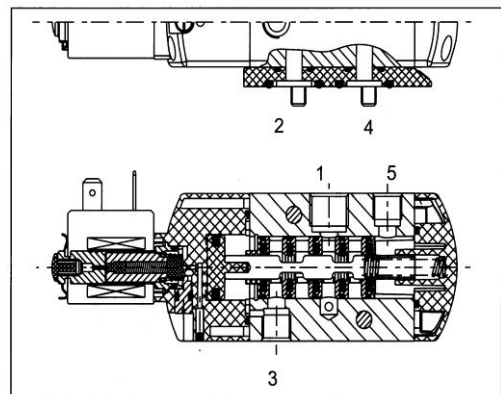


特点

- ◆ 铝合金阀体，符合标准 NAMUR 连接
- ◆ 同一滑阀可配接为 3/2 常闭或 5/2，用于控制双作用和单作用气动执行器
- ◆ 能防液体，灰尘或异物的侵入（实现外界影响防护）
- ◆ 标准配置手动操作器

Characteristics

- ◆ The aluminum alloy valve body conforms to the standard NAMUR connection.
- ◆ The same slide valve can be connected as 3/2 normally closed valve or 5/2 normally closed valve to control the double-acting and single-acting pneumatic performers.
- ◆ It should be able to prevent the intrusion of liquid, dust or impurities (to realize the protection from external effects.)
- ◆ Standard configuration manual operator.



结构

阀体：铝合金（黑色阳极化处理）

端盖，连接板：尼龙加玻璃纤维

内部零件：锌合金，65MnCx 组、尼龙玻璃纤维，铝合金密封件：NBR+PUR

先导排气口：螺纹接口（M5）

绝缘等级：F

线圈外壳：环氧树脂

线圈扁平插头：3xDIN46244

电气安全标准：VDE 0580



Structure

Valve body: Aluminum alloy (black anodized)

End cap, connection board: Nylon plus glass fiber

Interior parts: Zinc alloy, 60MnC group, nylon glass fiber and aluminum alloy.

Sealing member: NBR+PUR

Leading air vent: Threaded connection

Insulation level: F

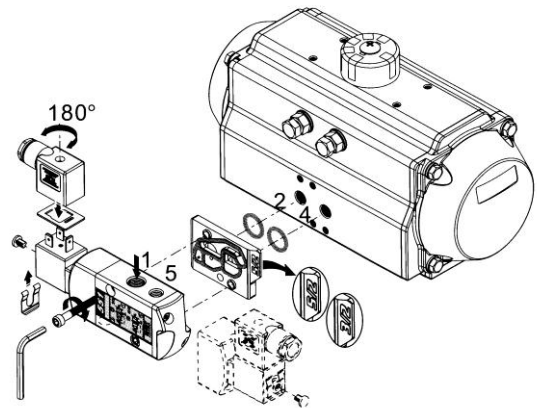
Shell of coil: Epoxy resin

Flat plug of coil: 3Xdin46244

Electrical safety standard: VDE 0580

安装

- ◆可任意位置安装
- ◆随阀提供 2 个带 NAMUR 配合面的连接板
- ◆在安装执行机构前,应根据阀的功能不同(常闭,3/2 或 5/2)将连接板正确安装到电磁阀
- ◆随阀提供螺栓和垫片
- ◆标准“G”螺纹接口,符合 ISO228/1 标准
- ◆随阀提供 安装/维修指南
- ◆可供备用线圈



Installation

- ◆It can be installed at any position.
- ◆Two connection boards with NAMUR fitting surface are provided with the valves.
- ◆Before installation, the connection boards should be correctly installed to the electromagnetic valves according to the different functions of valves (normally closed 3/2 or 5/2).
- ◆The bolts and washers are provided with valves.
- ◆Standard G type threaded connection, conforming to the ISO 228/1 Standard.
- ◆The installation/maintenance instruction is provided with valves.
- ◆The spare coils can be provided.



主要技术参数 Main technical data

工作介质 Working medium	空气（经 40 微米滤网过滤）Air (filtered with 40 um filter screen)
接口 Connection	551:进气接口 G1/4 排气接口 G1/8 551:Inlet connection G1/4 Outlet connection G1/8 552:进气接口 G3/8 排气接口 G3/8 552:Inlet connection G3/8 Outlet connection G3/8 553:进气接口 G1/2 排气接口 G1/2 553:Inlet connection G1/2 Outlet connection G1/2
操作压差 Operating pressure difference	2~10bar
最大许可压力 Maximum permissive pressure	10bar
流量（在 6bar 条件下）Flow (in the condition of 6 bars)	1/4=700L/min 3/8、1/2=3000L/min
工作温度℃ Working temperature℃	0~50(在不冻结条件下使用 Used in the non-frozen condition)
电压范围 Scope of voltage	10%
耗电量 Power consumption	AC220V: 3. 9VA, 6. 0VA, 8. 5VA; DC24V: 2. 5W, 4. 8W
换向时间 (S) Reversing time (S)	0. 05
手动方式 Manual mode	旋转手动开关 To rotate manual switch
基本型 Basic type	IP65
防爆型 Explosion protective type	EX m II T4

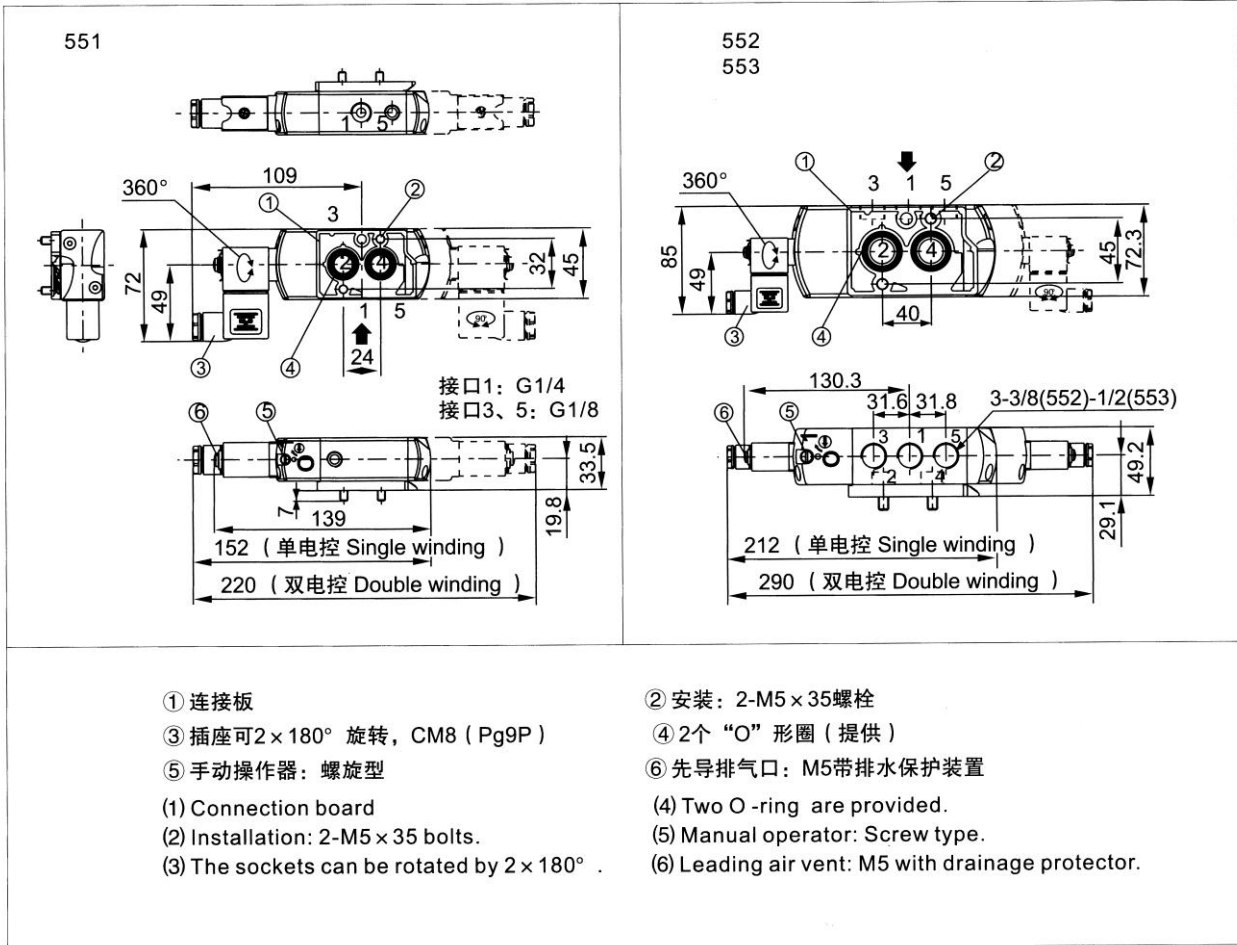
选型指南 Instructions for type selection

ASCO - 551 - D1 - 24VDC - Ex

管螺纹 Pipe thread 551=1/4 552=3/8 553=1/2	线圈 Winding D1=单电控 D1=Single winding D2=双电控 D2=Double winding	电压 Voltage 24V DC 220V AC 50Hz 110V AC 50Hz	防护 Protection 普通型（省略）=IP67 Basic type-IP67 Explosion protective type=Ex
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外形尺寸 Configuration size



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