

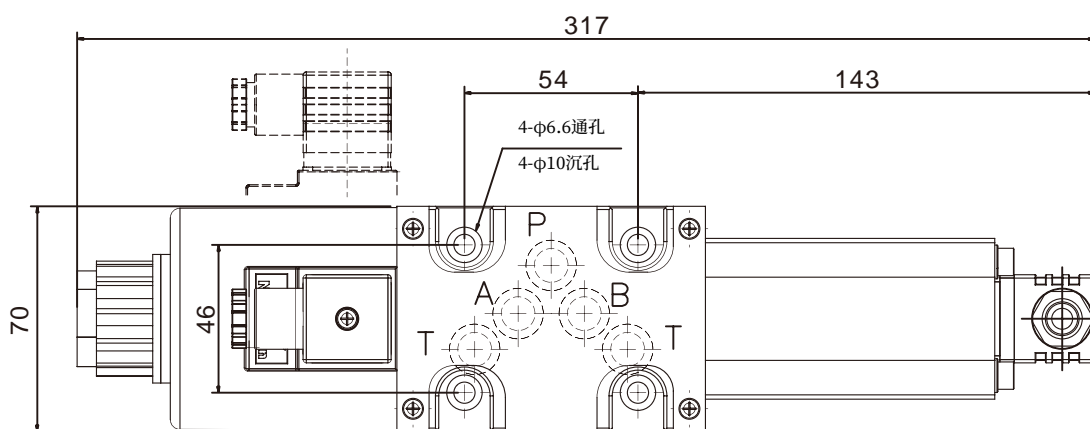


订购型号 Order the model

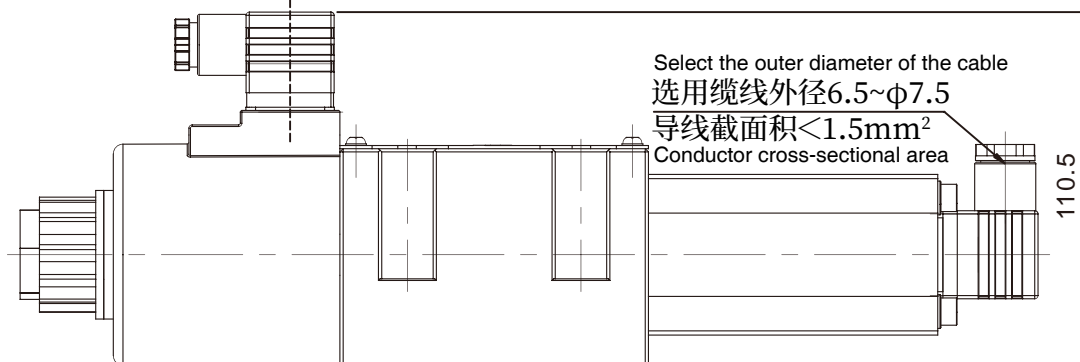


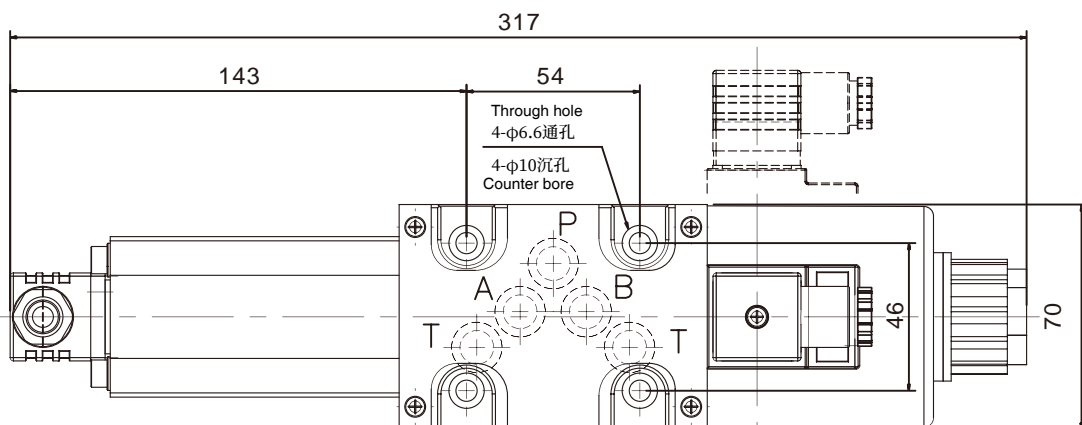
ZY-SWHPS		-	-	-	-	-	-
安装形式 Installation form 板式安装Plate mounting	G						
公称通径 Nominal diameter 10mm	03						
密封材料 Sealing material							
空白 丁腈橡胶 Nitrile rubber							
V 氟橡胶 Viton							
设计号 Design number	40						
阀芯型式 Spool type							
B2							
B2S							
C2B							
C2BS							
线圈型号 Coil model							
D24							
DC24V							
D12							
DC12V							

尺寸图 Dimensional drawing ·ZY-SWHPS-G03-B※/C※B

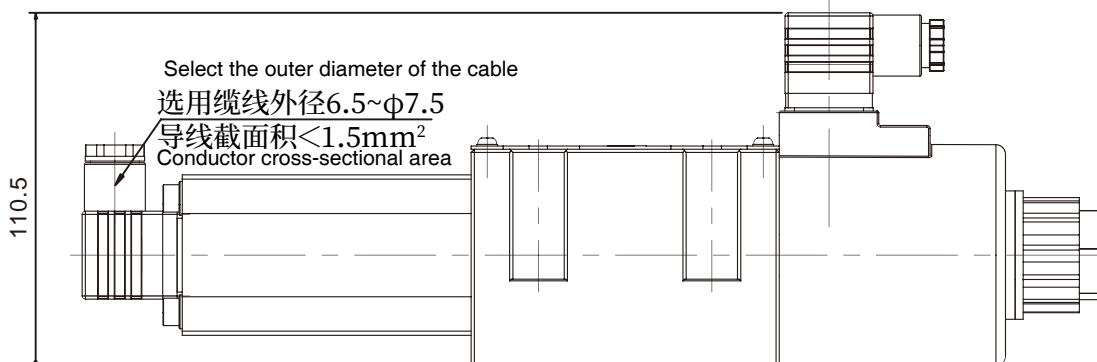


线圈均可沿轴线每次旋转90°，参见此视图虚线部分。
The coils can be rotated 90 deg. At a time along the axis, See the dashed portion of this view.





线圈均可沿轴线每次旋转90°参见此视图虚线部分。
 The coils can be rotated 90 deg. At a time along the axis see the dotted part of this view.



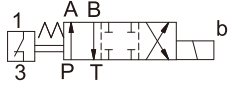


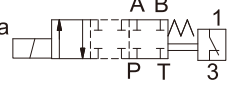
■ 特性 Characteristic

原理 Principle	位置传感器 (Position sensor)
切换点 Switch point	在正遮盖范围内 (见ZY-LSV的“切换信号”图) Within the positive coverage range (see the "switching signal" diagram of ZY-LSV)
供应电压 Supply voltage	U=24±V20% 直流 Direct current
输入电流 Input current	最大 400mA
防护等级 Other varieties	IP65
暂载率 Temporary load rate	100%ED
切换频率 Switch frequency	20Hz
内部电阻 Internal resistance	集成 24Ω (Integrated 24 Ω)

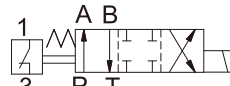







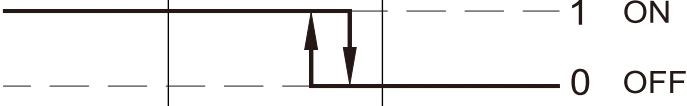
■ 螺钉 (包括在供货范围之内) Screws (included in the scope of supply)

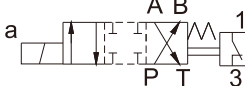



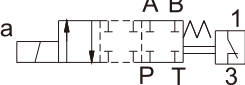



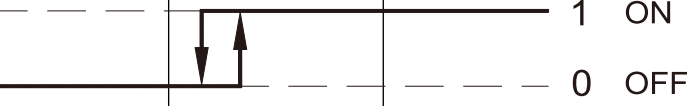
型号 Model	尺寸 Size	强度 Strength	拧紧扭矩 Tightening torques
ZY-SWHPS-G03	4-M6X35L	12.9级	120~150 kgf.cm

■ 阀芯型式及基本技术参数表Valve core type and basic technical parameters

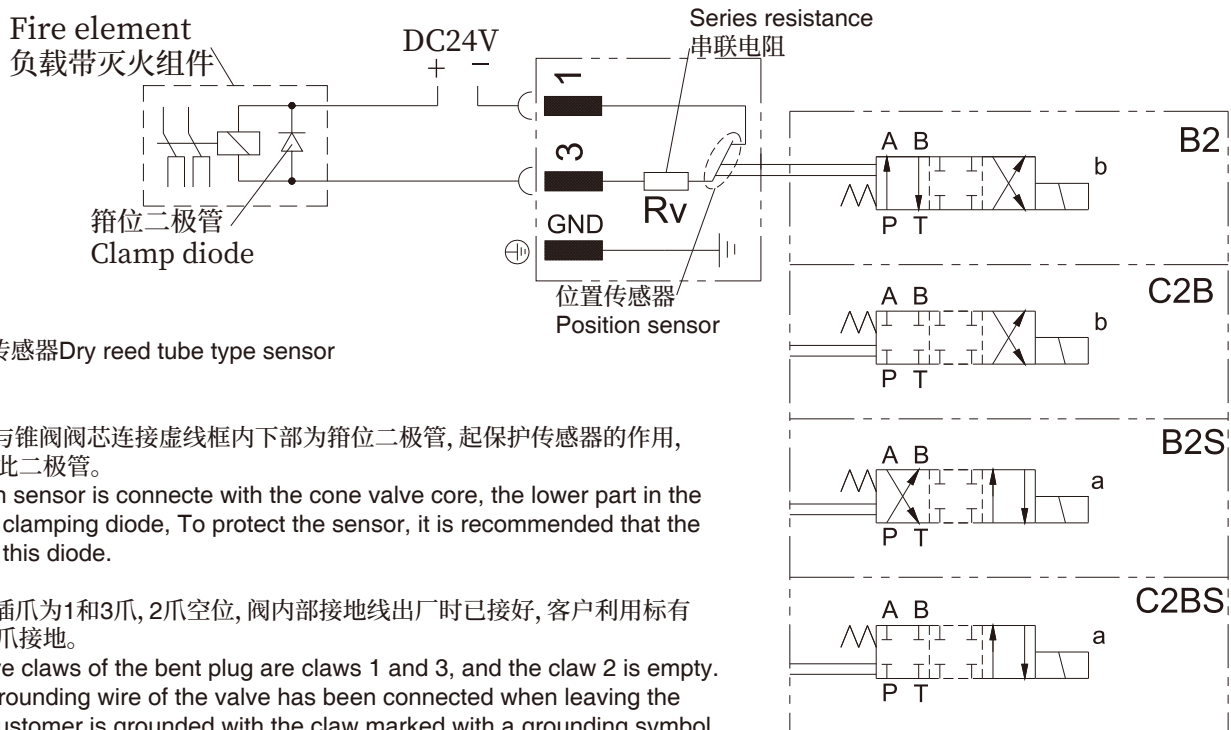
阀芯型式					
机能代号 Function Code name	液压符号 Functional symbol	通 径 代 号	机能代号 Function Code name	液压符号 Functional symbol	通 径 代 号
B2		02 03 04 06	B2S		02 03 04 06
C2B		02 03 04 06	C2BS		02 03 04 06
					24/50

■ 切换信号Switch signal

机能代号 Function Code name	液压符号 Functional symbol	初始位置 Initial position	过渡位置 Transition position	切换位置 Switch positions
B2				
C2B				
位置传感器切换信号图 Position sensor Switching signal diagram				

机能代号 Function Code name	液压符号 Functional symbol	初始位置 Initial position	过渡位置 Transition position	切换位置 Switch positions
B2S				
C2BS				
位置传感器切换信号图 Position sensor Switching signal diagram				

位置监控 Location monitoring



(一)干簧管式传感器 Dry reed tube type sensor
说明 Explain :

- 位置传感器与锥阀阀芯连接虚线框内下部为箝位二极管,起保护传感器的作用,建议客户加接此二极管。
1. that position sensor is connecte with the cone valve core, the lower part in the dot frame is a clamping diode, To protect the sensor, it is recommended that the customer add this diode.
- 弯插头有效插爪为1和3爪,2爪空位, 阀内部接地线出厂时已接好, 客户利用标有接地符号的插爪接地。
2. The effective claws of the bent plug are claws 1 and 3, and the claw 2 is empty. The internal grounding wire of the valve has been connected when leaving the factory. The customer is grounded with the claw marked with a grounding symbol.
- 本阀严禁无负载运行, 须接入中间继电器(负载),直接接上DC24V电源将导致感测器部件烧毁!
3. The valve is strictly prohibited to operate without load, and must be connected to the intermediate relay (load). Direct connection to the DC24V power supply will result in burnout of the sensor components!

(二)电感式传感器(II) Inductive sensor
说明 Explain :

- 位置传感器内部带极性保护, 当1、3脚反接时传感器不工作, 此时只需要按图上要求重新接驳即可。
1. The position sensor is internally provided with polarity protection, When the first pin and the third pin are reversely connected, the sensor does not work, At this time, it is only necessary to reconnect according to the requirements on the drawing.
- 本阀常用的信号输出为2线, 1、3线分别为DC24V电源的正、负极输入, 阀内部地线已接好, 客户不必另接线。
2. The common signal output of this valve is 2-wire, Lines 1 and 3 are respectively the positive and negative input of DC24V power supply. The internal ground wire of the valve has been connected. The customer does not need additional wiring.
- 本阀信号输出端为DC24V电压输出, 可通过最大电流为400mA,可直接接小功率负载。
3. that signal output end of the valve is DC24V voltage output, It can pass a maximum current of 400 mA. It can be directly connected to low power load.

