EICMATION®

规格

设计
电 - 气阀门定位器 DA 是一种从控制器或控制系统中接受 4 - 20mA 直流电流信号，并向直行程气动执行机构输送空气来控制阀门位置的装置。
在 5 - 200Hz 范围内无共振现象。自动 / 手动开关。
简单的零点和量程调整。
正向和反向，单作用和双作用直接可方便转换。
内部反馈信号可选 (仅适用防水型)
对于小型执行机构可通过缩小定位器的节流孔来防止振动。
空气消耗小，经济性好。
不用更换零件就可以实现 1/2 范围内的分程控制。

输入信号：4 - 20mA

阻抗：250±15 ohm

输入压力
0.14 - 0.7Mpa(1.4-7bar)

行程范围
直行程 : 10 - 150mm ，角行程 : 0 - 90°

气源接口：PT(NPT)1/4"

压力表接口：PT(NPT)1/8"

电源接口：PF 1/2"(G1/2")

防护等级：IP66

环境温度
-20°C - 70°C (其他温度请咨询)

直线性：单作用 : ±1%F.S 双作用 : ±2%F.S

滞后度：±1%F.S

灵敏度：单作用 : ±0.2%F.S 双作用 :±0.5%F.S

重复性：±0.5%F.S

空气消耗量：3LPM(sup=0.14Mpa)

流量：80LPM(sup=0.14Mpa)

材质：压铸铝

重量：2.7Kg(6.1 lb)

选项
防爆等级 :
Ex ia IIC T6
Ex dmb IIC T6
阀位反馈，限位开关 (机械式)

Specification

DESIGN
The electro-pneumatic positioner DA is used for the operation of pneumatic linear valve actuators bymeans of electrical controllers or control systemswith an analog output signal of DC 4-20mA
No resonance 5 - 200Hz.Auto/Manual switch.
Simple zero and span adjustment.
Direct and easy switching between open and close, single and double acting.
Internal feedback signal is available as an option (Water proof only).
For small actuators, vibration can be prevented by narrowing the orifice of the positioner.
Low air consumption and Cost-Effective
RA v.s. DA action and 1/2 split range setting by simple adjustment.

INPUT SIGNAL：4 - 20mA

IMPEDANCE：250±15 ohm

INPUT PRESSURE
0.14-0.7Mpa(1.4 - 7bar)

STROKE RANGE
Linear stroke: 10 - 150mm, Rotary stroke: 0 - 90°

AIR CONNECTION：PT(NPT)1/4"

GAUGE CONNECTION：PT(NPT)1/8"

ELECTRIC CONNECTION：PF 1/2"(G1/2")

PROTECTION：IP66

EXTERNAL TEMPERATURE RANGE
-20°C- 70°C (Other temperatures, please contact)

LINEARITY：Single acting:±1%F.S
Double acting:±2%F.S

HYSTERESIS：±1%F.S

SENSITIVITY：Single acting: ±0.2%F.S
Double acting:±0.5%F.S

REPEATABILITY：±0.5%F.S

AIR CONSUMPTION：3LPM(sup=0.14Mpa)

FLOW CAPACITY：80LPM(sup=0.14Mpa)

MATERIAL：Aluminium die-casting

WEIGHT：2.7Kg(6.1 lb)

OPTION
Explosion proof:
Ex ia IIC T6
Ex dmb IIC T6
Valve position feedback, limit switches(Mechanical）

型号:
DA

电-气
阀门定位器

直行程
角行程



Type:
DA

Electro-Pneumatic
positioner

Linear
Rotary

EICMATION®

举例说明：比如 DA11G11A

=电-气阀门定位器，双作用直行程，10-40mm反馈杆，PT连接
定位器

1 + 2.字符 产品	3.字符 作用形式	4.字符 防爆等级	5.字符 反馈杆	6.字符 通讯	7.字符 连接形式	8.字符 选项
DA=电-气阀门 定位器	1=双作用直行程 2=双作用角行程 (NAMUR) 3=单作用直行程 4=单作用角行程 (NAMUR)	1=无 6=Ex ia IIC T6 9=Ex dmb IIC T6	直行程: G=10-40mm H=30-70mm I =60-100mm J =100-150mm 角行程: K=NAMUR	1=无	1=PT 2=NPT	A=无 B=阀位反馈 C=限位开关(机械式) E=阀位反馈+ 限位开关(机械式) G=阀位反馈带液晶显示

Ordering example:e.g. DA11G11A

= Electro-pneumatic positioner,Double acting of linear stroke,10-40mm Feed back lever,PT connection
Positioner

A + B. Product	C. Type	D. Explosion Proof	E. Feed back lever	F. Communication	G. Connection Type	H. Option
DA=Electro -pneumatic positioner	1=Double acting of linear stroke 2=Double acting of rotary stroke (NAMUR) 3=Single acting of linear stroke 4=Single acting of rotary stroke (NAMUR)	1=No 6=Ex ia IIC T6(NEPSI) 9=Ex dmb IIC T6	Linear stroke: G=10-40mm H=30-70mm I =60-100mm J =100-150mm Rotary stroke: K=NAMUR	1=NO	1=PT 2=NPT	A=NO B=Valve position feedback C=Limit switches (mechanical) E=Valve position feedback + Limit switches (mechanical) G=Valve position feed back with LCD

注意/Note:：
1.阀位反馈仅限角行程及直行程非防爆定位器。/The valve position feedback is limited to rotary stroke and linear stroke rotary not explosion-proof locator.
2.限位开关及阀位反馈+限位开关仅限于角行程定位器。/The limit switch and valve position feedback + limit switch limited to rotary.
3.阀位反馈带液晶显示仅限于直行程定位器。/The valve position feedback with liquid crystal display is limited to linear stroke.

尺寸/Dimension





