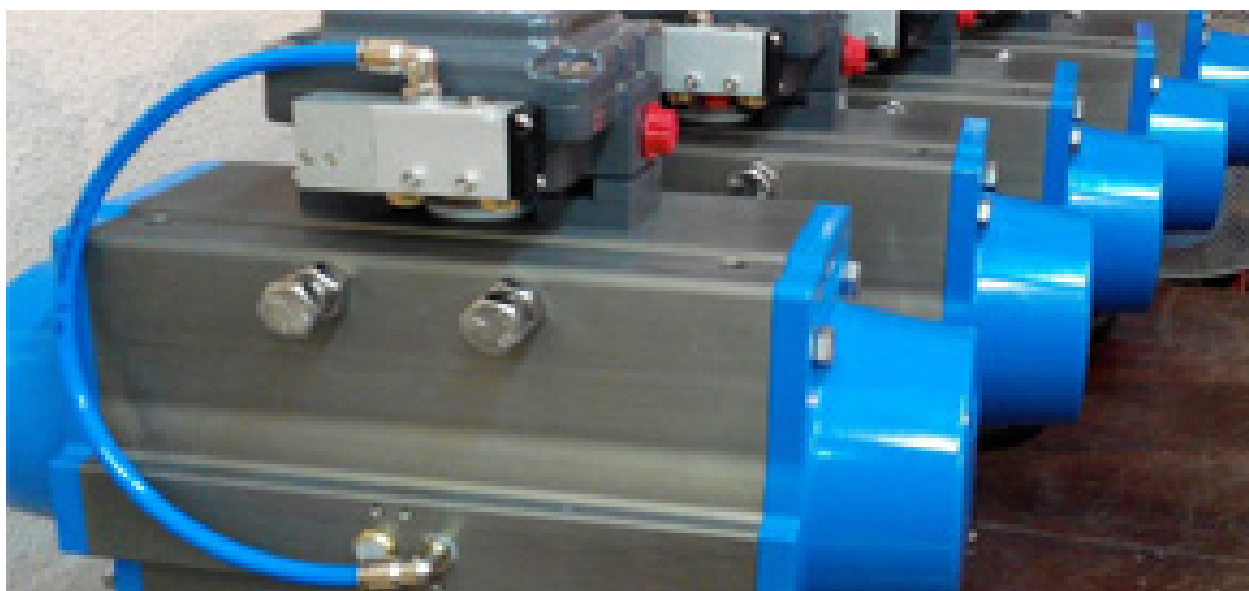


# Rotary Valve Positioners



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# ALP系列 阀门定位器

## ALP Series Valve Positioners



- Suitable for use on rotary and linear applications  
适用于角行程和直行程的阀位精确控制
- Available to equip with internal or external position transmitter or sensors  
可选配内置或外置的阀位变送器或传感器
- Available for Electric-Pneumatic or Pneumatic-Pneumatic Operation  
电气定位器或气气定位器均可供选用
- Certified for use in all hazardous areas  
严酷检测核准可用于工业危险场所的0区、1区和2区

Approved by/ 获准证书

## ALP1000RDn53

Technical Data	
Input signal	4~20mADC(5-15mADC)
Impedance	250±15 Ω
Supply pressure	1.4~7kgf/cm <sup>2</sup> (20~100psi)
Air connection	G (NPT) 1/4"
Gauge connection	G (NPT) 1/8"
Conduit	G (NPT) 1/2"
Weather protection	IP66
Ambient temperature	-20°C~70°C
Linearity	±1.5%
Hysteresis	1.50%
Sensitivity	0.40%
Air consumption	3LPM(Sup=1.4kgf/cm <sup>2</sup> , 20psi)
Flow capacity	8LPM(Sup=1.4kgf/cm <sup>2</sup> , 20psi)
Material	Aluminum Die Casting
Weight	2.7kg(6lb)2.8kg(6.2lb)



## ALP1000RDIBn53

Technical Data	
Input signal	4~20mADC(5-15mADC)
Impedance	250±15 Ω
Supply pressure	1.4~7kgf/cm <sup>2</sup> (20~100psi)
Air connection	G (NPT) 1/4"
Gauge connection	G (NPT) 1/8"
Conduit	G (NPT) 1/2"
Weather protection	IP66
Ambient temperature	-20°C~70°C
Linearity	±1.5%
Hysteresis	1.50%
Sensitivity	0.40%
Air consumption	3LPM(Sup=1.4kgf/cm <sup>2</sup> , 20psi)
Flow capacity	8LPM(Sup=1.4kgf/cm <sup>2</sup> , 20psi)
Material	Aluminum Die Casting
Weight	2.7kg(6lb)2.8kg(6.2lb)



## ALP1000RDITn53

Technical Data	
Input signal	4~20mADC(5-15mADC)
Impedance	250±15 Ω
Supply pressure	1.4~7kgf/cm <sup>2</sup> (20~100psi)
Air connection	G (NPT) 1/4"
Gauge connection	G (NPT) 1/8"
Conduit	G (NPT) 1/2"
Weather protection	IP66
Ambient temperature	-20°C~70°C
Linearity	±1.5%
Hysteresis	1.50%
Sensitivity	0.40%
Air consumption	3LPM(Sup=1.4kgf/cm <sup>2</sup> , 20psi)
Flow capacity	8LPM(Sup=1.4kgf/cm <sup>2</sup> , 20psi)
Material	Aluminum Die Casting
Weight	2.7kg(6lb)2.8kg(6.2lb)



## ALP1200RDn13



Technical Data	
Input signal	0.2~1kgf/cm <sup>2</sup> (3~15psi)
Impedance	/
Supply pressure	1.4~7kgf/cm <sup>2</sup> (20~100psi)
Air connection	PT (NPT) 1/4"
Gauge connection	PT (NPT) 1/8"
Conduit	/
Weather protection	IP66
Ambient temperature	-20°C~70°C
Linearity	±1.5%
Hysteresis	1.50%
Sensitivity	0.40%
Air consumption	3LPM(Sup=1.4kgf/cm <sup>2</sup> , 20psi)
Flow capacity	8LPM(Sup=1.4kgf/cm <sup>2</sup> , 20psi)
Material	Aluminum Die Casting
Weight	1.7kg(3.7lb)

## ALP3000RDn53



Technical Data	
Input signal	4~20mADC(5-15mADC)
Impedance	235±15 Ω
Supply pressure	1.4~7kgf/cm <sup>2</sup> (20~100psi)
Air connection	G (NPT) 1/4"
Gauge connection	G (NPT) 1/8"
Conduit	G (NPT) 1/2"
Weather protection	IP65
Ambient temperature	-20°C~60°C
Linearity	±1.5%
Hysteresis	1.50%
Sensitivity	0.40%
Air consumption	5LPM(Sup=1.4kgf/cm <sup>2</sup> , 20psi)
Flow capacity	80LPM(Sup=1.4kgf/cm <sup>2</sup> , 20psi)
Material	Aluminum Die Casting
Weight	24kg,2.6kg with junction box

## ALP2000RDFn1



Technical Data	
Input signal	4-20mA(2 wire), minimum 3.6mA
Supply pressure	0.14Mpa-0.7MPa(1.4 Bar - 7 Bar)
Stroke	Linear: 10-100mm, Rotary: 30°-120°
Air connection	1/4BSPP, 1/4NPT
Conduit	M20-1.5, 1/2BSPP, 1/2NPT
Weather proof	IP65
Explosion proof	Exia II CT4-6, or Exd II CT6
Ambient temperature	-20°C~70°C
Linearity	0.5%F.S.
Hysteresis	±1%F.S.
Repeatability	0.2%F.S.
Air consumption	<36L/H
Vibration effect	2G
Dimension	170×96×96mm
Material	Aluminum alloy with polyester powder
Weight	2.0Kg

# ALP4000R1Di13



Technical Data	
Input signal	4~20mA DC(5-15mA DC)
Impedance	250±15 Ω
Supply pressure	1.4~7kgf/cm <sup>2</sup> (20~100psi)
Air connection	G (NPT) 1/4"
Gauge connection	G (NPT) 1/8"
Conduit	G (NPT) 1/2"
Weather protection	IP66
Ambient temperature	-20℃~60℃
Linearity	±1.5%
Hysteresis	1.50%
Sensitivity	0.40%
Air consumption	5LPM(Sup=1.4kgf/cm <sup>2</sup> , 20psi)
Flow capacity	175LPM(Sup=1.4kgf/cm <sup>2</sup> , 20psi)
Material	Aluminum Die Casting
Weight	2.7kg(6lb)2.8kg(6.2lb)

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