

L8A-100 Electro Pneumatic valve positioner

DIRECT MOUNT POSITIONER FOR LINEAR / ROTARY MOTION OPERATION

Product Introduction

L8A-100 electric valve positioner is a kind of receiving 4~20mA DC current signal control, which is operated by pneumatic a device to precisely adjust the valve opening. The positioner comes with an air filter pressure reducer to display the valve position opening on site (Percentage) and output feedback signal (4~20mA), directly connect the compressed air in the pressure range of 5~10kgf/cm² to the "SUP" input interface of the positioner

Technical Parameter

Project	L8A-100L		L8A-100R	
	Single Acting	Double Acting	Single Acting	Double Acting
Input Signal	4~20mA DC			
Impedance	250±15Ω (Model Without Feed Back)			
Supply Pressure	1.4~7.0kgf/cm ² (20~100psi)			
Journey	10~150mm		0~90°	
Air source	PT(NPT) 1/4			
Pressure Gauge Interface Size	PT(NPT) 1/8			
Power Interface Size	PF 1/2(G1/2)			
Protection Level	Ip66			
Ambient Temperature	Work Temperature	Standard: -20~70° Low Temperature Type : -40~70°(-20°C No display Below)		
	Explosion proof Temperature	-20~60°		
Linear	±1.0% F.S			
Hysteresis	1.0% F.S			
Sensitivity	±0.2% F.S	±0.5%F.S	±0.2% F.S	±0.5% F.S
Repeatability	±0.5% F.S			
Air Consumption	3LPM (Sup=1.4kg f/cm ² ,20psi)			
Flow	80LPM (Sup=1.4kg f/cm ² ,20psi)			
Material	Die Cast Aluminium			
weight	2.5kg		2.5kg	
Model with number display function/with feedback function				
Input Signal	4~20mA DC (Two wire system)			
Input Load Voltage	MAX 15			
Feedback Signal	4~20 mA DC (Two-wire System)			
Feedback Power Signal	DC 24V±15%			

Order code

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1. Action Form	L Straight Stroke R Angular Stroke	
2. Output	S Single Acting D Double Acting	4. Additional Functions
3. Structure	I - Intrinsically Safe Ex M iall CT6 N- Flameproof Ex dII CF6 Ordinary not explosion-proof	5. PI with LCD display, 4~20mA signal feed back Pressure reducing valve AS 4

