

PSP-25 SERIES SMART POSITIONER

PSP-25 series implement advanced piezo sensor technology for superior performance and reliability. It can be easily setup and configured by local buttons.

- » Use piezoelectric valve electric/pneumatic conversion structure.
- » Suitable for hazardous are by intrinsically safe electronics.
- » Easy to install and auto-calibration.
- » LCD display and on board button operation.
- » Failsafe function under loss of power, loss of air supply and loss of control signal.

Technical Parameter

Model Description	PSP-25	
Input Signal	4~20mA DC	
Supply Pressure	0.14~0.7Mpa (20 ~ 150psi)	
Stroke	Linear	10 ~ 150mm (standard); 5-130mm (adaptor)
	Rotary	0 ~ 90o
Impedance	250± 15Ω	
Air Connection	PT(NPT) 1/4	
Guage Connection	PT(NPT) 1/8	
Power Connection	G1/2	
Repeatability	± 0.5%F.S.	
Ambient temp.	Normal Temp.	-20 ~ 80oC
	Low Temp.	-40 ~ 80oC
Linearity	± 0.5%F.S.	
Hysteresis	± 0.5%F.S.	
Sensitivity	± 0.5%F.S.	
Flow rate	Fully open : 130L/min (@6.0bar)	
Air Consumption	Suitable Condition : <0.0006Nm ² /h	
Output Characteristics	Linear (default) : Quick open ;	
	Equal percentage : User defined	
Shell Material	Aluminium	
Ingress Protection	Aluminium	
Explosion Proof	Exia II CT6	
Weight	2.3kg.	

