



P/P Positioner XP100



Features

- Compatible Mounting for E/P and P/P
- Simplified Zero / Span Adjusting
- Linear / Rotary Selectable
- 3 Types of Pilot Relay (Standard / Stable / Quick Speed)
- Innovative Design for Various Mounting
- 4 Characteristics Selectable with 4-sided Cam



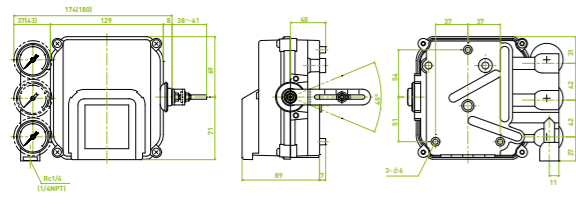
Specifications

Items	Single acting	Double acting
Input Signal / Input Resistance	Standard (1/2 Split range available)	
Supply Air Pressure	0.14~0.70MPa	
Stroke / Angle	Linear: 10~100 mm Rotary: Lever Angle 60~90 deg.	
Air Connection	Standard: Rc 1/4 (Rc 1/8 for Gauges) Option: 1/4 NPT (1/8 NPT for Gauges)	
*1 Pressure Gauge (Output Pressure)	Standard: 0.2 MPa / 0.4 MPa / 1.0 MPa Option: kPa, psi, bar	
Housing Construction	Non-Explosion Proof	
Cam	Standard: Linear Characteristics Option: non-Linear Characteristics	
Ambient Temperature	Standard: -20~83°C Low Temp.: -50~60°C High Temp.: 0~100°C	
Mass	Approx. 1.3 kg	Approx. 1.4 kg
Housing Material	Body: Aluminium Die-casting Cover: Standard: PBT resin with Glass Fiber Option: Aluminium Die-casting	

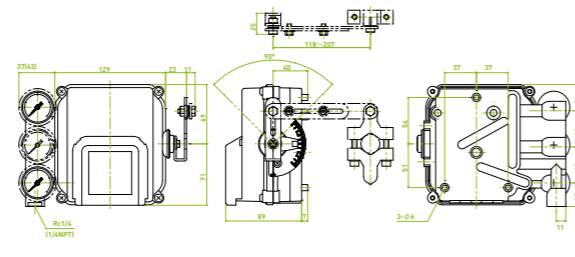
*1 kPa, psi and bar units shall be investigated. psi is only for foreign market due to Non-SI unit.
 * Supply air should be dry (dew point under than -30°C) and clean.
 * Air filter (smaller than 5µm) shall be placed just precading of supply port.

Dimensions

Linear / Side-lever construction
XP10●-SS1



Rotary / Linkage construction
XP10●-SS3



* No levers included

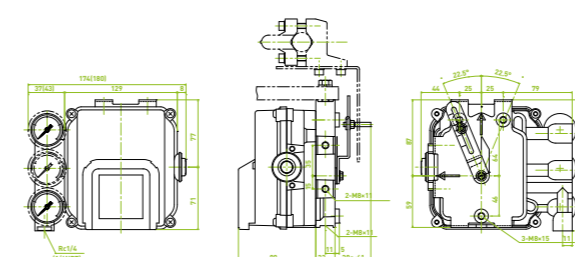
Notation Table

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	Items	Specification	Notation		
1	Series	XP: P/P Positioner	XP1		
2	Housing Construction	Standard	0		
3	Air connection & Action	Single Rc 1/4	1		
		Double Rc 1/4	2		
		Single 1/4 NPT	3		
		Double 1/4 NPT	4		
4	Ambient Temperature	Standard: -20~83°C	S		
		Low temp.: -50~60°C	L		
5/9	Mounting / Cam	High temp.: 0~100°C	H		
		Linear / Side-lever Construction: 4 phases cam: Linear & Eq%	S1/C1a		
		Rotary / Linkage Construction: 2 phases cam: Linear	S3/C3L		
		Rotary / Linkage Construction: 2 phases cam: Eq%	S3/C3E		
		Rotary / Linkage Construction: 2 phases cam: Square-law	S3/C3B		
		Rotary / Linkage Construction: 2 phases cam: reverse Eq%	S3/C3P		
		Linear / Back-lever Construction: 4 phases cam: Linear	B4/C4La		
		Rotary / Back-lever Construction: 2 phases cam: Linear	B7/C7L		
		6	Pressure Gauges	0.2MPa, 0.4MPa, 1.0MPa	M2, M4, M0
				200kPa, 400kPa, 1000kPa	K2, K4, K0
30psi, 60psi, 150psi	P2, P4, P0 *1				
2 bar, 4bar, 10bar	B2, B4, B0				
7	Pilot relay / Orifice diameter	Standard with mesh protector	F1~F6		
		Standard with cleaning pin	Q1~Q6		
		Stable with mesh protector	G1~G6		
		Stable with cleaning pin	J1~J6		
		Quick speed with mesh protector	R1		
		Quick speed with cleaning pin	T1		
		* Numbers represents orifice diameter 1=φ5.0 2=φ2.0 4=φ1.0 5=φ0.7 6=φ0.45			
8	Input signal	20~100kPa	B1		
		20~60kPa	B2		
		60~100kPa	B3		

*1 No domestic sales in Japan due to Non-SI unit.

Linear / Side-lever construction
XP10●-SB4



Rotary / Linkage construction
XP10●-SB7

