



PLEIX-QUIP



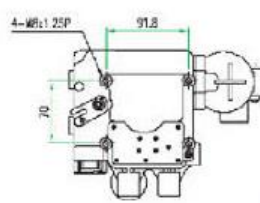
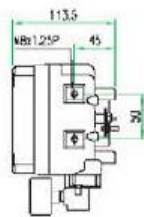
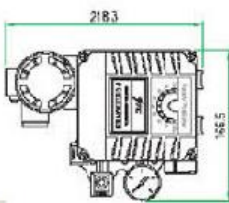
Africa (Pty)Ltd

Electro-Pneumatic Positioner YT-1000R (Rotary Type)

Ordering Symbols: YT-1000R



Model	Acting Type	Explosion Proof	Lever Type	Onifice Type	Connection Type	Ambient Temp	Option 1	Option 2
YT-1000R	S Single Acting	m Exd mIIBT5	1 M6x40L	1 *1	1 PT	S -20 °C ~ 60 °C	0 NONE (St'd)	0 NONE
	D Double Acting	c Exd mIICT6	2 M6x63L	2 *2	2 NPT	H -20 °C ~ -120 °C	1 Dome Cover	1 + PTM (Internal)
		l ExiaIIB'6	3 M8x40L	3 NONE		L -40 °C ~ 70 °C		2 + PTM (External)
		n non-Explosion	4 M8x63L					3 + L/S (Internal)
			5 NAMUR					4 + L/S (External)
								5 + PTM+L/S (Internal)



Specifications		
Item.type	Single	Double
Input Signal	4-20mA DC	
Impedance	250±15 Ohm	
Supply Pressure	1.4-7kgf/cm ² (20 ~ 100psi)	
Stroke	0-90 °	
Air Connection	PT (NPT) 1/4	
Gauge Connection	PT (NPT) 1/8	
Conduit	PF 1/2 (G 1/2)	
Explosion Proof	Ex dm IIB T5 Ex dm IIC T5 Ex ia IIB T6	
Protection	IP66	
Ambient Temp	-20 °C ~ -70 °C (Operating Temp) -20 °C ~ -60 °C (Explosion Temp)	
Linearity	± 1 % F.S.	± 2 % F.S.
Hysteresis	± 1 % F.S.	
Sensitivity	± 0.2 % F.S.	± 0.5 % F.S.
Repeatability	± 0.5 % F.S.	
Air Consumption	3LPM (Sup = 1.4kgf/cm ² , 20psi)	
Flow Capacity	80LPM (Sup = 1.4kgf/cm ² , 20psi)	
Material	Aluminium Die Casting	
Weight	2.8kg (6.2lb)	

The Electro-Pneumatic Positioner YT-1000R is used for operation of pneumatic rotary valve actuators by means of electrical controller or control systems with an analog output signal of DC 4 to 20mA or split ranges.

- There is no resonance at 5 ~ 200Hz.
- The change of RA/DA Acting is convenient, it is able to apply to single or double acting actuator.
- It is possible to prevent the hunting of orifice to the small size actuator.
- It is economical due to less air consumption.
- It is able to control the ½ split range with simple operation without replacement of parts.

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