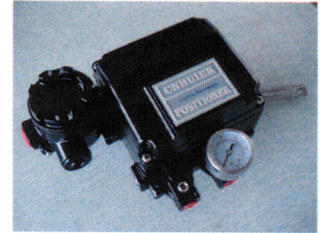


## YT-1000 SERIES ELECTRO-PNEUMATIC POSITIONER

The YT-1000 Series Positioner, mounted on a pneumatic actuator, moves the actuator by receiving DC 4~20mA signals from a controller. Also, the function of detecting and returning the actuator displacement provides accurate positioning in response to DC 4~20mA signals.

The YT-1000 can be used with both spring return and double acting actuators.



### SPECIFICATION

Item	YT-1000L		YT-1000R <del>X</del>	
	Linear		Rotary	
	Single	Double	Single	Double <del>X</del>
Input signal	4~20mADC			
Impedance	250 ± 15			
Air supply	1.4~7kgf/cm (20~100psi)			
Stroke	10~150mm		0~90°	
Air connection	PT(NPT)1/4			
Gauge connection	PT(NPT)1/8			
Conduit	PF1/2(G1/2)			
Explosion proof	ExdIIBT6,ExdIICT6,ExiaCT6			
Protection	IP66			
Ambient temperature	-20° C~70° C			
Linearity	± 1%F.S.		± 2%F.S.	
Hysteresis	± 1%F.S.			
Sensitivity	± 0.2%F.S.		± 0.5%F.S.	
Repeatability	± 0.5%			
Air consumption	3LPM(Sup=1.4kgf/cm <sup>2</sup> ,20psi)			
Flow capacity	80LPM(Sup=1.4kgf/cm <sup>2</sup> ,20psi)			
Material	Aluminum alloy			
Weight	2.7kg(6lb)2.8kg(6.2lb)			