

Electro-Pneumatic Positioner YT-1000L

Product Number: YT-1000L ■ ■ ■ ■ ■ ■ ■

Model	Acting	Explosion Proof	Lever	Orifice	Connection	Temperature	Option
YT-1000L	S Single	m Ex dmb IIB T5 (KTL)	1 10→40 mm	1 Φ 1	1 PT	S -20/60°C	0 None
	D Double	c Ex dmb IIC T5 (KTL)	2 30→70 mm	2 Φ 2	2 NPT	H -20/120°C*	2 SPTM*
		i Ex ia IIB T6 (KTL)	3 60→100 mm	3 None		L -40/70°C	3 SPTM + LCD*
		n Non-Explosion	4 100→150 mm				
		f Ex dmb IIB T5 (FM)					
		p Ex ia IIC T6 (NEPSI)					
		H Ex dmb IIC T5/T6 (NEPSI)					

Only With : "Non-Explosion"

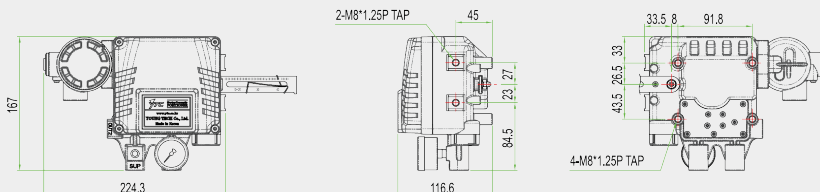


YT-1000L



YT-1000L + SPTM & LCD

Item - Type	YT-1000LS	YT-1000LD
Input Signal	4-20mA VDC	
Impedance	250 ±15 Ω	
Supply Pressure	0,14-0,7MPa (1,4-7 bar)	
Stroke	10→150 mm	
Connection	Air	(N)PT1/4"
	Gauge	(N)PT1/8"
Conduit	PF(G)1/2"	
Explosion Proof	Ex dmb IIB T5 Ex dmb IIC T5 Ex ia IIB T6 Ex ia IIC T5/T6	
Enclosure	IP 66	
Temperature	Standard	-20→70°C
	Explosion	-20→60°C
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.	
Consumption - Air	2,5 L/min @ 0,14MPa	
Flow Capacity	80 L/min @ 0,14MPa	
Material	Aluminium	
Weight	2,7 kg	



YT-1000L is used for operation of pneumatic linear valve actuators by means of electrical controller or control system with an analog output signal of DC 4 to 20mA or split ranges.

- Simple zero and span adjustment
- Internal feedback signal
- R.A. Vs D.A. Action and 1/2 split range setting by simple adjustment
- No resonance between 5-200Hz
- Auto/Manual switch

