

REV. NO.	REVISION DESCRIPTION	DRAWN / DATE	REVIEWED / DATE	APPROVED / DATE
△	ISSUE FOR APPROVAL	DKMIN/080818		
△				

SPECIFICATIONS

Acting Type	Single		
Input Signal	4 ~ 20mA DC		
Supply Pressure	1.4 ~ 7kgf/cm ² (20 ~ 100psi)		
Explosion Proof	☐ Non-Explosion	☐ Ex ia IIC T5	☐ Ex ia IIC T6
Stroke	5~35mm		
Impedance	Max 460 Ohm/20mA DC		
Difference Voltage	below 8.5 Vdc		
Air Connection	Supply	PT(NPT) 1/4	
Gauge Connection	Out 1	PT(NPT) 1/8	
Conduit entry	PF 1/2 (G 1/2)		
Repeatability	±0.3% F.S.		
Ambient Temp.	Operation	-30 ~ 85°C (-22 ~ 185°F)	
	Explosion	-40 ~ 60°C(T5) / -40 ~ 40°C(T6)	
Hysteresis	±0.5% F.S.		
Sensitivity	±0.2% F.S.		
Linearity	±0.5% F.S.		
Air Consumption	0.011PM (Sup=1.4kgf/cm ² / 20psi)		
Flow Capacity	22LPM (Sup=1.4kgf/cm ² / 20psi)		
Main Board	MPU	16 bit Micro Controller	
	A/D Converter	12 bit	
	D/A Converter	12 bit	
Output Characteristics	☐ Linear	☐ EQ%	
	☐ User defined	☐ Quick Open	
Material	Aluminum Diecasting		
Protection	IP66		
Weight	820g (1.8 lb)		

4	PRESSURE GAUGE	STS304	1	
3	SHAFT MAIN	STS303	1	
2	COVER BASE	ALDC12	1	
1	BODY BASE	ALDC12	1	
NO.	PART NAME	MATERIAL	Q'TY	REMARK

SURFACE TEXTURE		PRODUCT NAME		 YOUNG TECH CO., LTD. SEOUL, KOREA		
FINISH TREATMENT		SMART POSITIONER				
MATERIAL		MODEL	YT-2700L	TITLE		
		PROTECTION	3rd	SMART LINEAR POSITIONER ASS'Y DWG		
		SCALE	1 / 2			
OTHERWISE NOTE		QUANTITY	0	DRAWING NO. YT-2700L (SINGLE)		
GENERAL TOLERANCE		SHEET No.	1 / 1	REV. 0		
				STANDARD		

