


REV.NO.	REVISION DESCRIPTION	DRAWN / DATE	REVIEWED / DATE	APPROVED / DATE
△	ISSUE FOR APPROVAL	HSS/050621	KCH/050725	
①	DRAWING ARRANGEMENT	HSS/060224	KCH/060224	LYH/060224
②	DRAWING ARRANGEMENT	MDK/100305	JCS/100305	LYH/100305
③	DRAWING ARRANGEMENT	KCH/110806	JCS/110806	LYH/110806
④	DRAWING ARRANGEMENT	KBJ/130102	MDK/130102	JCS/130102

**SPECIFICATIONS**

Acting Type	<input type="checkbox"/> Single	<input type="checkbox"/> Double	
Input Signal	4 ~ 20mA DC		
Impedance	Max 460 Ohm/20mA DC		
Supply Pressure	0.14 ~ 0.7MPa (1.4 ~ 7bar)		
Explosion Proof	Ex d IIB + Hz T6		
Stroke	0 ~ 90°		
Repeatability	±0.3% F.S.		
Operating Temp.	-30 ~ 85°C (-22 ~ 185°F)		
Explosion Ambient Temp.	-20 ~ 60°C (-4 ~ 140°F)		
Hysteresis	±0.5% F.S.		
Sensitivity	±0.2% F.S.		
Linearity	±0.5% F.S.		
Air Connection	(N)PT 1/4		
Gauge Connection	(N)PT 1/8		
Conduit	PF 1/2 (G 1/2)		
Air consumption	Below 2LPM (sup=0.14MPa)		
Flow Capacity	70LPM (sup=0.14MPa)		
Protection	IP66		
Main Board	MPU	16 bit Micro Controller	
	A/D Converter	12 bit	
	D/A Converter	12 bit	
LCD	Operation Temp.	-20 ~ 70°C (-4 ~ 158°F)	
Output Characteristics	<input type="checkbox"/> Linear	<input type="checkbox"/> EQ%	
	<input type="checkbox"/> User defined	<input type="checkbox"/> Quick Open	
Material	Aluminum Diecasting		
Weight	3.35kg (7.37 lb)		
Actuator Shaft	<input type="checkbox"/> M6	<input type="checkbox"/> L=34	<input type="checkbox"/> NAMUR
	<input type="checkbox"/> M8	<input type="checkbox"/> L=63	
Internal free volume	830 cm <sup>3</sup>		

6	PRESSURE GAUGE	STS304	2	
5	CONNECT LEVER ASS'Y	STS 303, 304P	1	LEVER FORK, NAMUR
4	COVER PILOT	ALDC12	1	
3	COVER TERMINAL	ALDC12	1	
2	COVER BASE	ALDC12	1	
1	BODY BASE	ALDC12	1	
NO.	PART NAME	MATERIAL	Q'TY	REMARK

SURFACE-TEXTURE	PRODUCT NAME	<b>SMART POSITIONER</b>		 <b>YOUNG TECH CO., LTD.</b> SEOUL, KOREA
FINISH-TREATMENT	MODEL	<b>YT-2400R (DOUBLE)</b>		
MATERIAL	PROJECTION	SCALE	TITLE	
OTHERWISE-NOTE	GENERAL TOLERANCE	QUANTITY	SHEET No.	DRAWING NO. YT-2400R (DOUBLE) REV. 4
		1	1 / 1	STANDARD

