

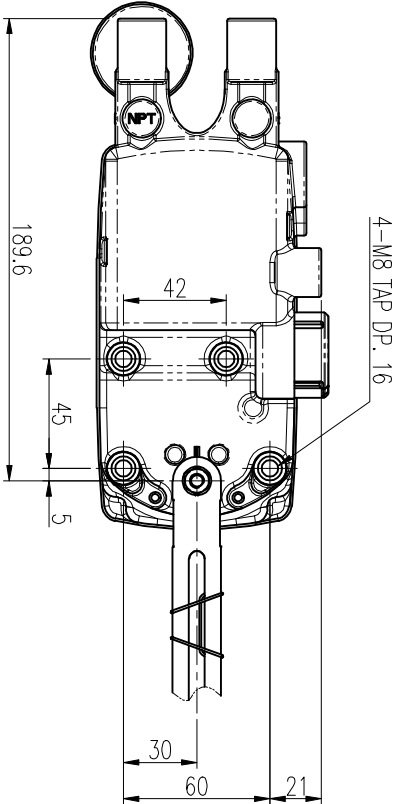
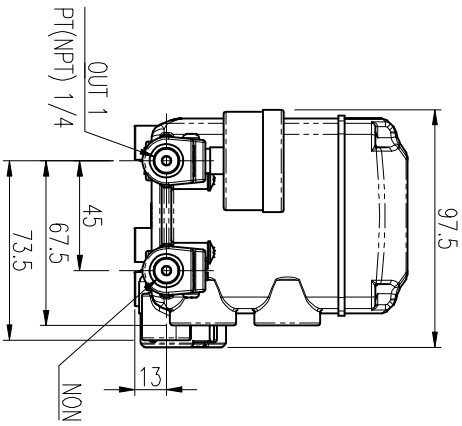
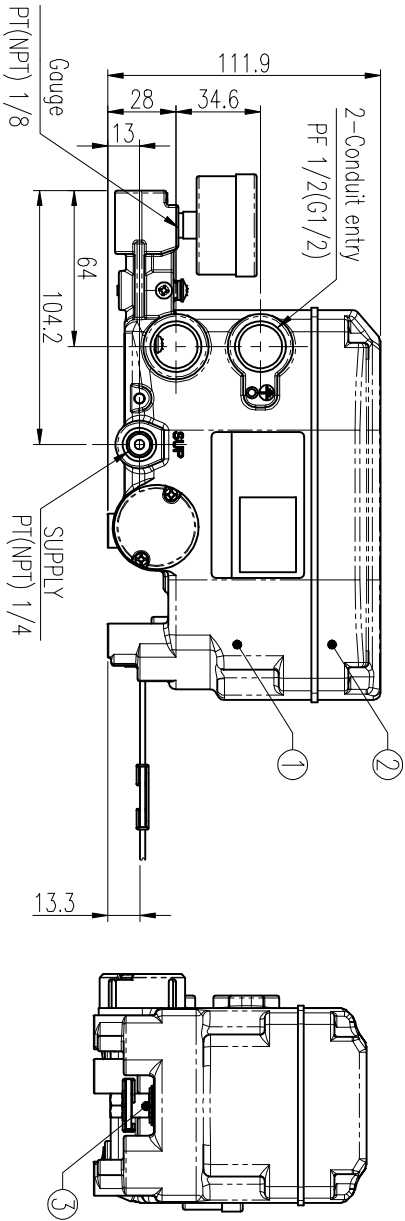
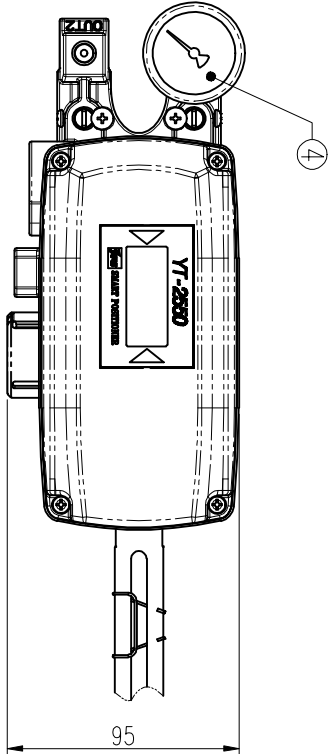
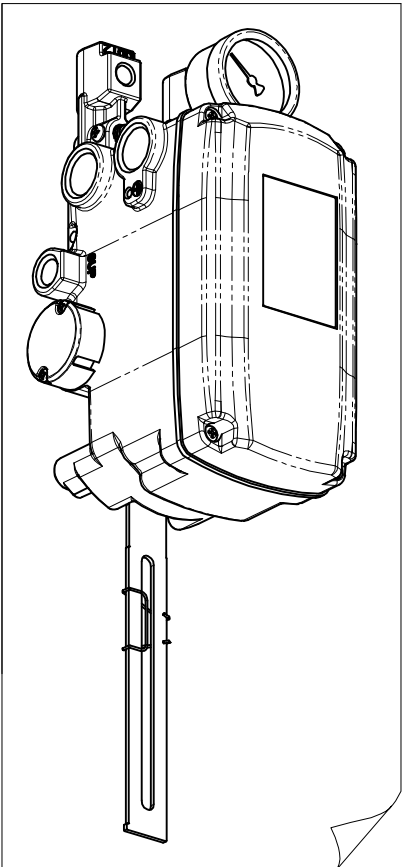
REV. NO.	REVISION DESCRIPTION	DRAWN / DATE	REVIEWED / DATE	APPROVED / DATE
△A	ISSUE FOR APPROVAL	DKMIN/080229		
△A				

SPECIFICATIONS

Acting Type	Single		
Input Signal	4 ~ 20mA DC		
Supply Pressure	1.4 ~ 7kgf/cm ² (20 ~ 100 psi)		
Explosion Proof	☐ Non-Explosion	☐ Ex ia IIC T5	☐ Ex ia IIC T6
Stroke	10~150mm		
Impedance	Max 460 Ohm/20mA DC		
Difference Voltage	below 8.5 Vdc		
Air Connection	Supply	PT(NPT) 1/4	
	Out 1	None	
Gauge Connection	Out 1	PT(NPT) 1/8	
	Out 2	None	
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.		
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	Stain less 316		
Protection	IP66		
Weight	2.9kg (6.4 lb)		
Lever Type	☐ 10~40mm	☐ 20~70mm	
	☐ 50~100mm	☐ 100~150mm	

4	PRESSURE GAUGE	STS304	1	
3	SHAFT MAIN	STS303	1	
2	COVER BASE	STS316	1	
1	BODY BASE	STS316	1	
NO.	PART NAME	MATERIAL	Q'TY	REMARK

SURFACE TEXTURE		PRODUCT NAME		 YOUNG TECH CO., LTD. 350UL, KOREA		
FINISH-TREATMENT		SMART POSITIONER				
MATERIAL		MODEL	YT-2550L (SINGLE)			
OTHERWISE NOTE		PROJECTION	SCALE			
GENERAL TOLERANCE		QUANTITY	1	SHEET No.	1 / 1	TITLE
						SMART LINEAR POSITIONER ASS'Y DWG
						DRAWING NO. YT-2550 (SINGLE)
						STANDARD
						REV. 0



Lever Type	Stroke(mm)	L1(mm)	L2(mm)	W(mm)
1	10~40	93.0	67.0	20.0
2	20~70	153.5	106.5	
3	50~100	214.0		
4	100~150	307.3	117.0	

