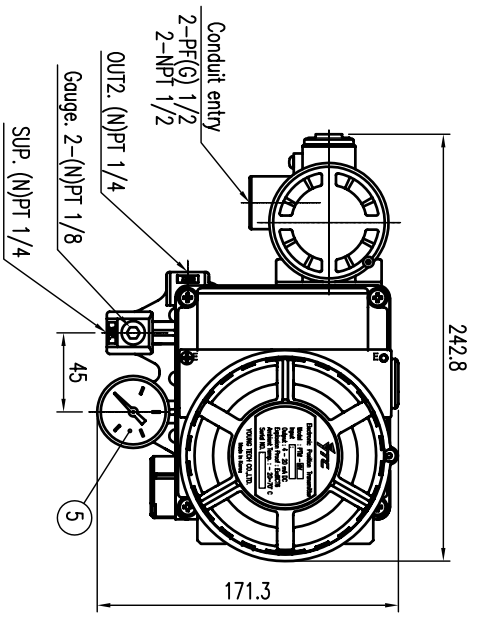
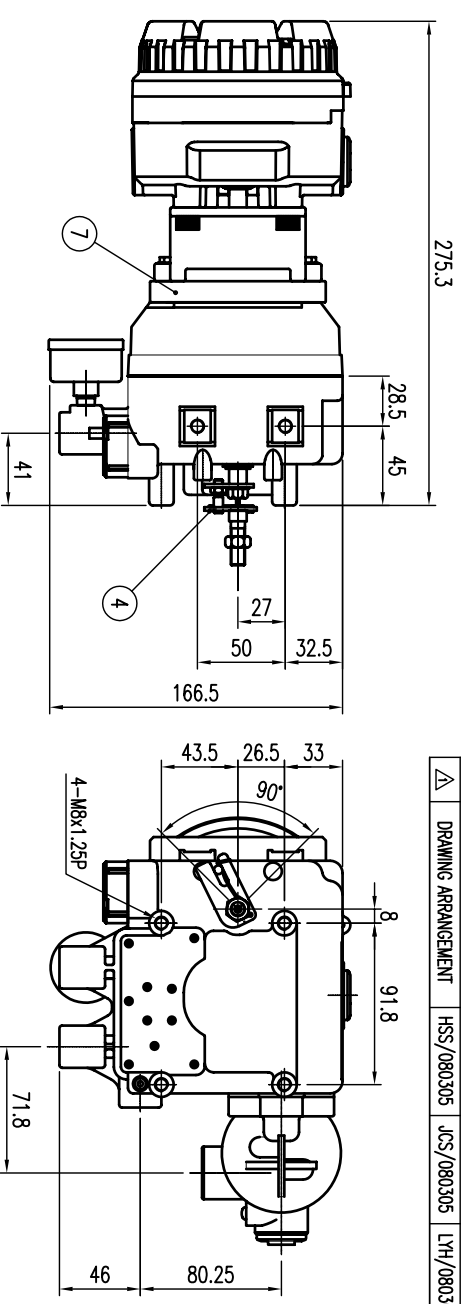


REV. NO.	REVISION DESCRIPTION	DRAWN / DATE	REVIEWED / DATE	APPROVED / DATE
△	ISSUE FOR APPROVAL	JCS/070103	-	LH/070103
△	DRAWING ARRANGEMENT	HSS/080305	JCS/080305	LH/080305



Conduit entry
2-PF (G) 1/2
2-NPT 1/2

OUT2. (N)PT 1/4
Gauge. 2-(N)PT 1/8

SUP. (N)PT 1/4

SPECIFICATIONS (TRANSMITTER)

Input Type	2 Wire
Input Signal	90°
Output Signal	4 ~ 20mA DC
Weight	1.3kg (2.9lb)
Conduit Entry	PF 3/4 (G 3/4)
Load Resistance	Max.800Ω / 30V DC
Noise Range	5mV/r.p
Adjustment	Zero±10%
Protection	IP66
Linearity	±1% F.S.
Hysteresis	±0.2% F.S.
Sensitivity	±0.2% F.S.
Supply Voltage	9 ~ 30V DC
Explosion Proof	Non - Explosion

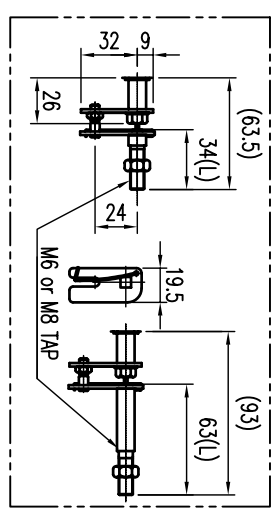
SPECIFICATIONS

Applicable Fluid	Air	pressure Gauge	□ 0~2kgf/cm ² □ 0~4kgf/cm ² □ 0~10kgf/cm ²
Acting Type	□ Single □ Double	Linearity	±1.0% F.S. ±1.0% F.S. ±2.0% F.S.
Input Signal	4 ~ 20 mA DC	Hysteresis	±0.2% F.S. ±0.5% F.S.
Impedance	250±15 Ω	Sensitivity	±0.5% F.S.
Supply Pressure	1.4~7kgf/cm ² (20~100psi)	Repeatability	±0.5% F.S.
Stroke	0° ~ 90°	Air Consumption	3 LPM (Sup.=1.4kgf/cm ² , 20psi)
Air Connection	PT(NPT) 1/4	Flow Capacity	80 LPM (Sup.=1.4kgf/cm ² , 20psi)
Gauge Connection	PT(NPT) 1/8	Protection	IP66
Conduit entry	PF 1/2 (G 1/2), NPT 1/2	Weight	2.8kg (6.2lb)
Explosion Proof	□ Ex dtn IIB T5 □ Ex dtn IIC T5	Actuator Shaft	□ M6 □ L=34 □ NAMUR
Explosion Proof	□ Ex ia IIB T6 □ Non-Explosion	Material	ALUMINUM DIECASTING
Ambient Temp	-20°C ~ 70°C (-4 ~ 158°F)		
Explosion	-20°C ~ 60°C (-4 ~ 140°F)		

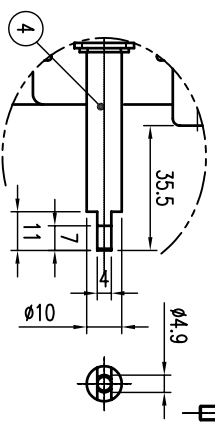
SPECIFICATIONS (LIMIT SWITCH)

Switch Type	2 X SPDT
Rating	16A 1/2HP 125/250VAC 0.6A 125VDC 0.3A 250VDC
Over Travel	5A 125VAC L1130 0.8mm Max
Differential Force	1.6mm Max

NO.	PART NAME	MATERIAL	QTY	REMARK
7	BRACKET BLOCK	AL	1	
6	ADAPTER	SUS303	1	
5	PRESSURE GAUGE	SUS 304	1	
4	CONNECT LEVER ASS'Y	SUS 303, 304P	1	FORK LEVER, NAMUR
3	JUNCTION BOX	ALDC12	1	
2	BASE COVER	ALDC12	1	
1	BASE BODY	ALDC12	1	



FORK LEVER TYPE



NAMUR SHAFT TYPE

SURFACE TREATMENT	PRODUCT NAME E/P POSITIONER WITH LS&PT (EXTERNAL)	MODEL	YT-1000R	TITLE	ELECTRO PNEUMATIC POSITIONER ASS'Y DWG with PT(M)/S(EXTERNAL)
MATERIAL	FINISH TREATMENT	PROTECTION	SCALE	DRAWING NO.	REV.
OTHERWISE NOTE	GENERAL TOLERANCE	QUANTITY	1	YT-1000R+PT(M)/S (EXTERNAL)	1

YOUNG TECH CO., LTD.
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