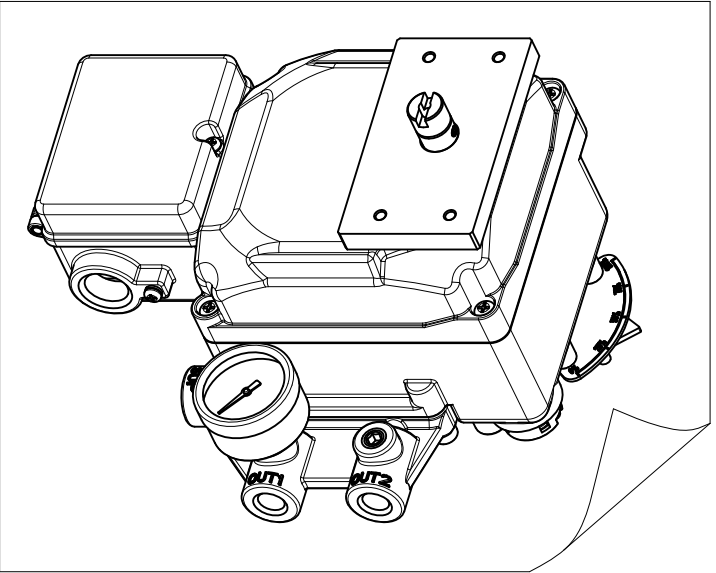
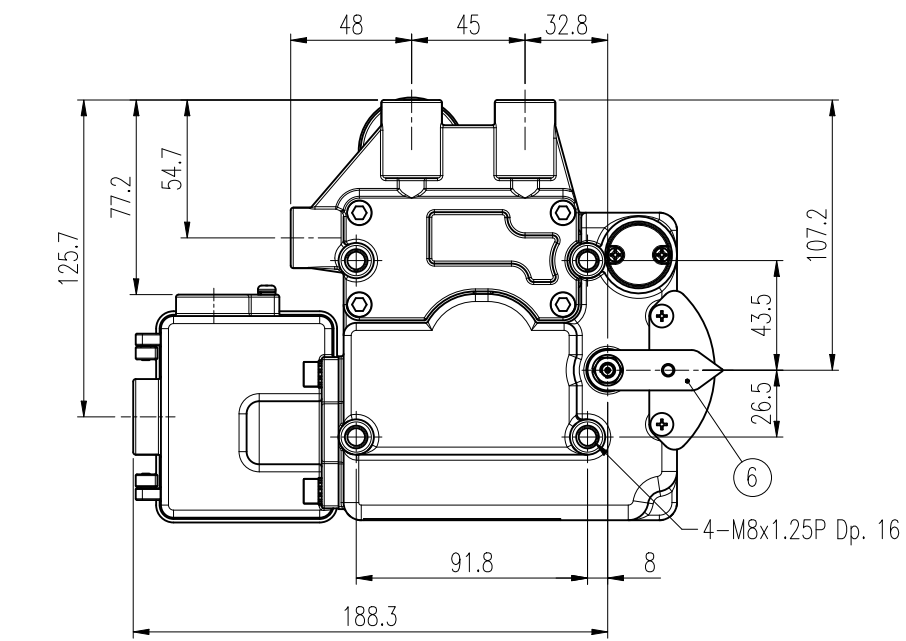
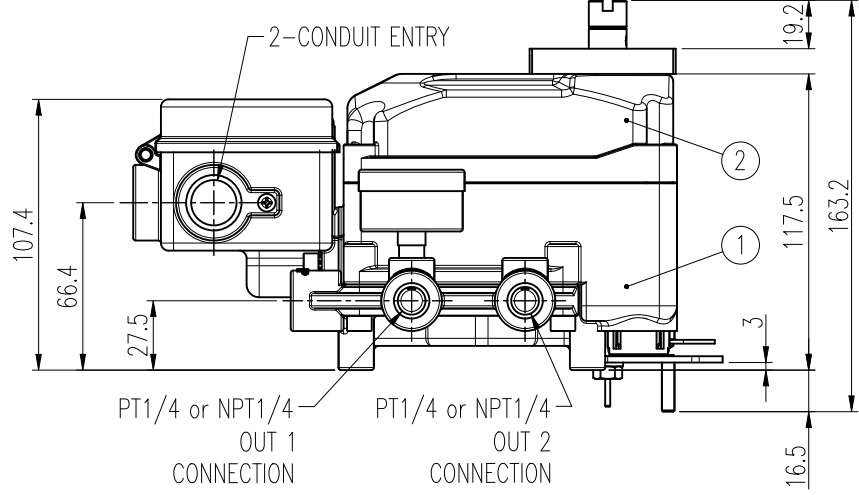
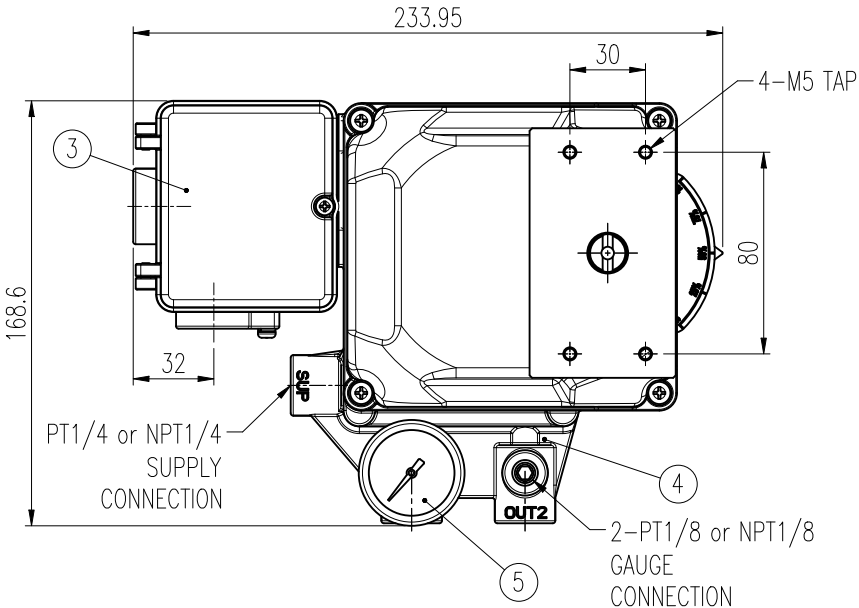
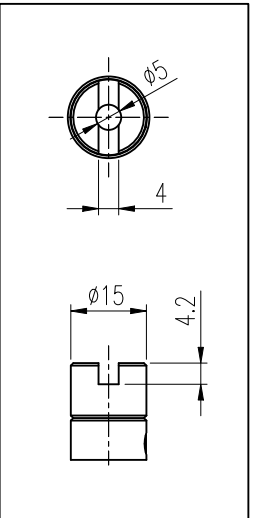
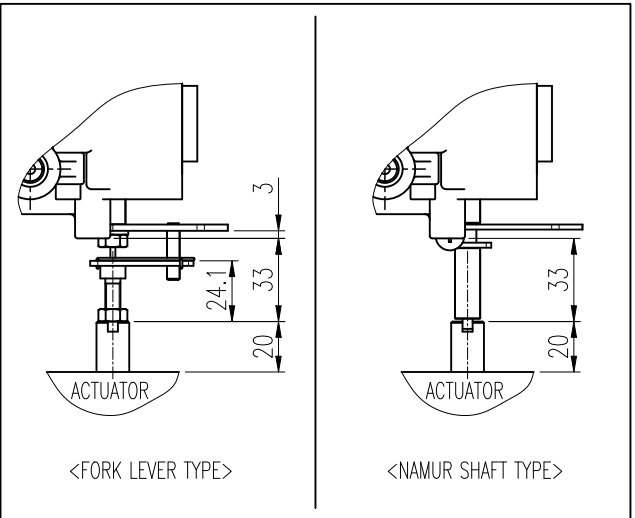




L/S Connection



FEEDBACK LEVER



TRANS MITTER

Input type	2 Wire
Application	Rotary Actuator 60 ~ 90 deg
Output signal	4 ~ 20 mA, DC
Load resistance	Max. 800Ω
Noise range	50mV pp
Adjustment	Zero, Span : + / - 30%
Linearity	±1% F.S.
Sensitivity	±0.2% F.S.
Hysteresis	±0.2% F.S.
Supply voltage	9 ~ 28V DC

NO.	DATE	REVISION	DESIGNED	CHECKED	APPROVED
△0	200803	RELEASED	DKMIN	-	DKMIN
△1	220221	ADAPT TO REALITY	SHYEOM	-	DKMIN

SPECIFICATIONS

Acting Type			Single or Double
Input Signal			4 ~ 20mA
Impedance			250±15Ω
Working fluid			Compressed air
Max. working pressure			0.7 MPa
Min. working pressure			0.14 MPa
Air Consumption (sup=0.14MPa)			<2.5 LPM
Flow Capacity (sup=0.14MPa)			>80LPM
Ambient Temp.	Operating Temp.		-20°C ~ 70°C (Standard)
			-40°C ~ 70°C (Low Temp.)
	Explosion Temp.		ATEX
		EAC	T5 : -40°C ~ 60°C
			T6 : -40°C ~ 40°C
			T5 : -63°C ~ 60°C
Explosion Proof			Ex ia IIC T5/T6 Gb Ex db mb IIB T5/T6 Gb Ex db mb IIC T5/T6 Gb
Protection			IP66
Air Connection			PT1/4 or NPT1/4
Gauge Connection			PT1/8 or NPT1/8
Conduit entry			G(PF)1/2 or NPT1/2 or M20
Pressure Gauge			Ø42, Max. 0.8MPa
Stroke			0 ~ 90°
Linearity			Single ±1.0% F.S. Double ±2.0% F.S.
Hysteresis			±1.0% F.S.
Sensitivity			Single ±0.2% F.S. Double ±0.5% F.S.
Repeatability			±0.5% F.S.
Housing Material			Aluminum die-cast
Weight			2.8kg

PART LIST

6	FEEDBACK LEVER	STS304	1
5	PRESSURE GAUGE	STS304	1
4	BLOCK GAUGE	ALDC12	1
3	JUNCTION BOX	ALDC12	1
2	COVER BASE	ALDC12	1
1	BODY BASE	ALDC12	1
NO.	PART NAME	MATERIAL	Q'TY

SURFACE TEXTURE		WEIGHT	g	PROJECT	-
FINISH		SHEET No.	1 / 1	PRODUCT NAME	ELECTRO-PNEUMATIC POSITIONER
MATERIAL		UNIT	mm	MODEL	TS600
QUANTITY		SCALE	1 / 3	TITLE	TS600R PTM & L/S (EXTERNAL)
OTHERWISE NOTE		PROJECTION	3RD ANGLE	DWG. NO.	TS600 EP 02 A8
GENERAL DIM		DWG SIZE	A3		REV. 1