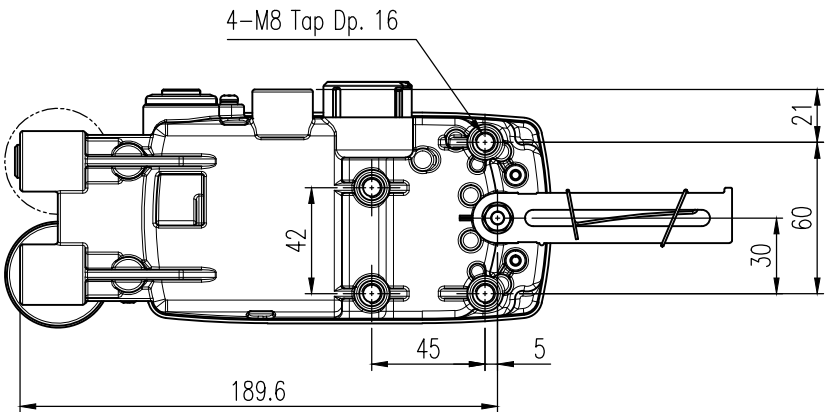
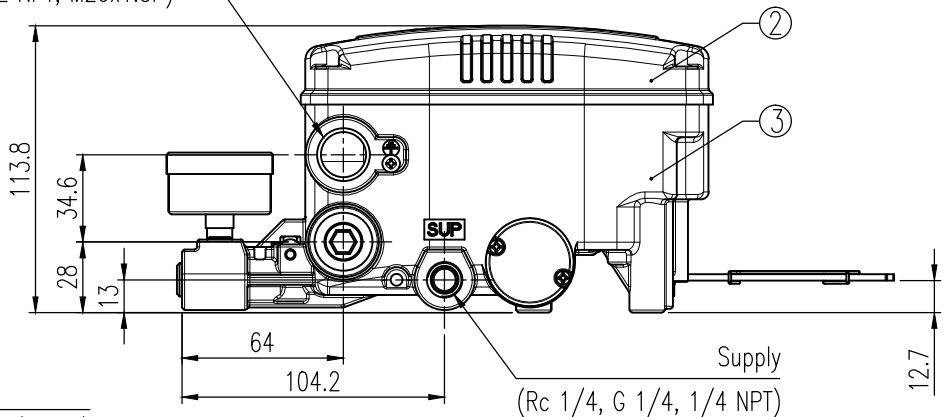
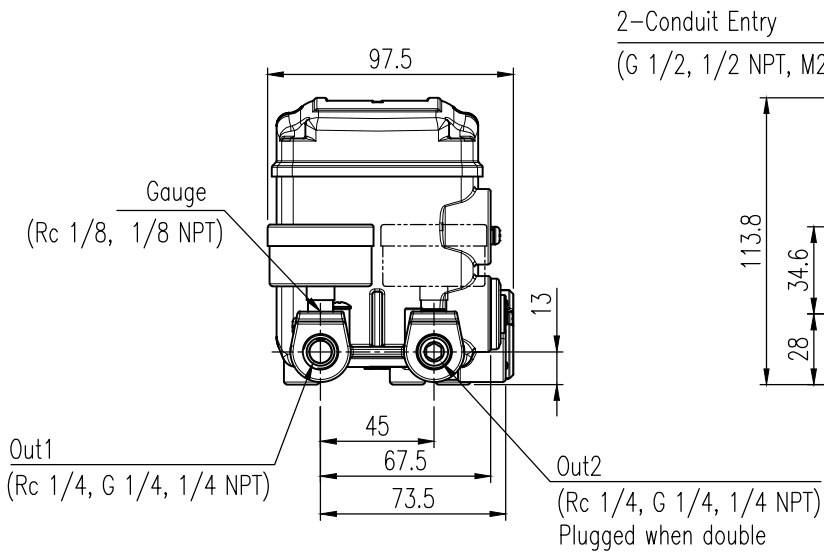
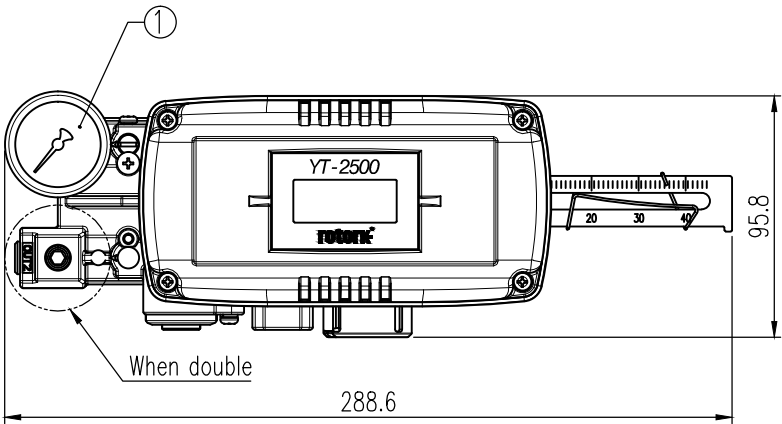
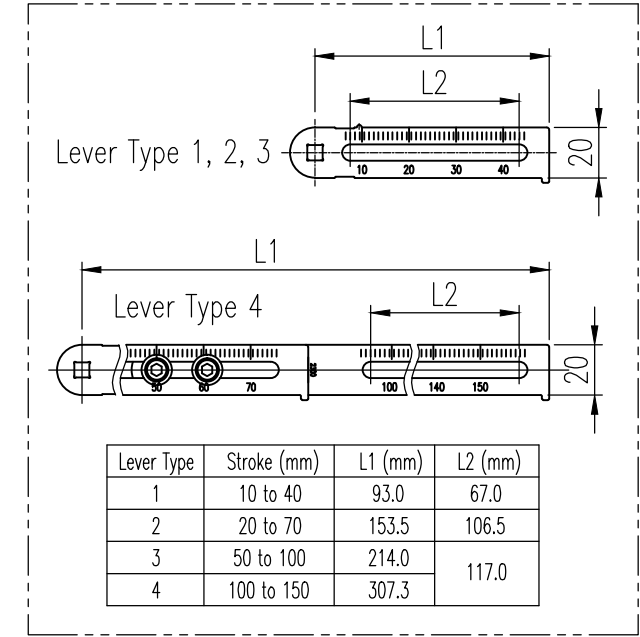


REV.NO.	REVISION DESCRIPTION	DRAWN / DATE	REVIEWED / DATE	APPROVED / DATE
	Previous versions omitted			
△	Drawing arrangement	KBJ/20190903	KCH/20190903	KTJ/20190903
△	Drawing updated	KCH/20250116	JCS/20250116	KTJ/20250116

SPECIFICATIONS

Acting Type	☐ Single ☐ Double
Explosion Protection	☐ Non-Explosion proof ☐ Ex ia IIC T5/T6 ...
Ambient Temp. of Explosion proof	-30 to 60 °C(T5) / -30 to 40 °C(T6)
Operating Temp.	-30 to 80 °C (-22 to 176 °F)
Lever Type	☐ 10 to 40mm ☐ 20 to 70mm ☐ 50 to 100mm ☐ 100 to 150mm
Input Signal	4-20mA DC
Supply Pressure	0.14 to 0.7 MPa (1.4 to 7 bar, 20 to 102 psi)
Stroke	10 to 150mm (0.4" to 6")
Impedance	Max. 500 Ohm @ 20 mA DC
Conduit entry, Air Connection, Gauge Connection	G 1/2, G 1/2, G 1/2, M20x1.5P, 1/2 NPT, ☐ Rc 1/4, ☐ 1/4 NPT, ☐ G 1/4, ☐ 1/4 NPT, ☐ 1/4 NPT, Rc 1/8 1/8 NPT 1/8 NPT 1/8 NPT 1/8 NPT
Linearity	± 0.5 % F.S.
Hysteresis	± 0.5 % F.S.
Sensitivity	± 0.2 % F.S.
Repeatability	± 0.3 % F.S.
Main Board	MPU 16 bit Micro Controller A/D Converter 12 bit D/A Converter 12 bit
Communication	☐ None ☐ HART Communication
Option	☐ None ☐ Analog Output
Fail Option(Power)	☐ Fail Freeze ☐ Fail Safe
Air consumption	Fail Freeze 0.01 LPM (Sup. = 0.14 MPa) Fail Safe 0.06 LPM (Sup. = 0.14 MPa)
Flow Capacity	Fail Freeze 60 LPM (Sup. = 0.14 MPa) Fail Safe 40 LPM (Sup. = 0.14 MPa)
Output Characteristics	Linear, EQ%, Quick Open, User set
Housing Material	Aluminum
Ingress Protection	IP66 (excluding the pressure gauges)
Weight	1.5 kg (3.3 lb)



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

SURFACE TEXTURE	PRODUCT NAME SMART POSITIONER	rotork Rotork YTC Limited GIMPO-SI, KOREA	
FINISH TREATMENT	MODEL YT-2500L		
MATERIAL	PROJECTION 3rd	SCALE 1 / 3	TITLE Linear, Standard
OTHERWISE NOTE	GENERAL TOLERANCE	QUANTITY 1	DRAWING NO. YT-2500L-01
		SHEET No. 1 / 1	REV. 3