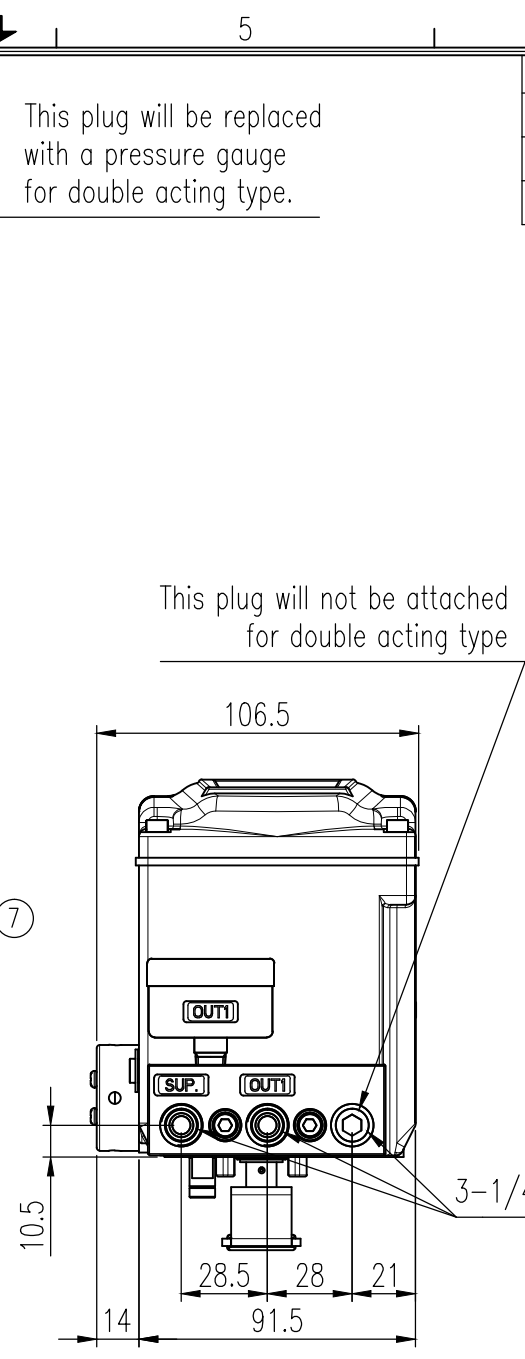
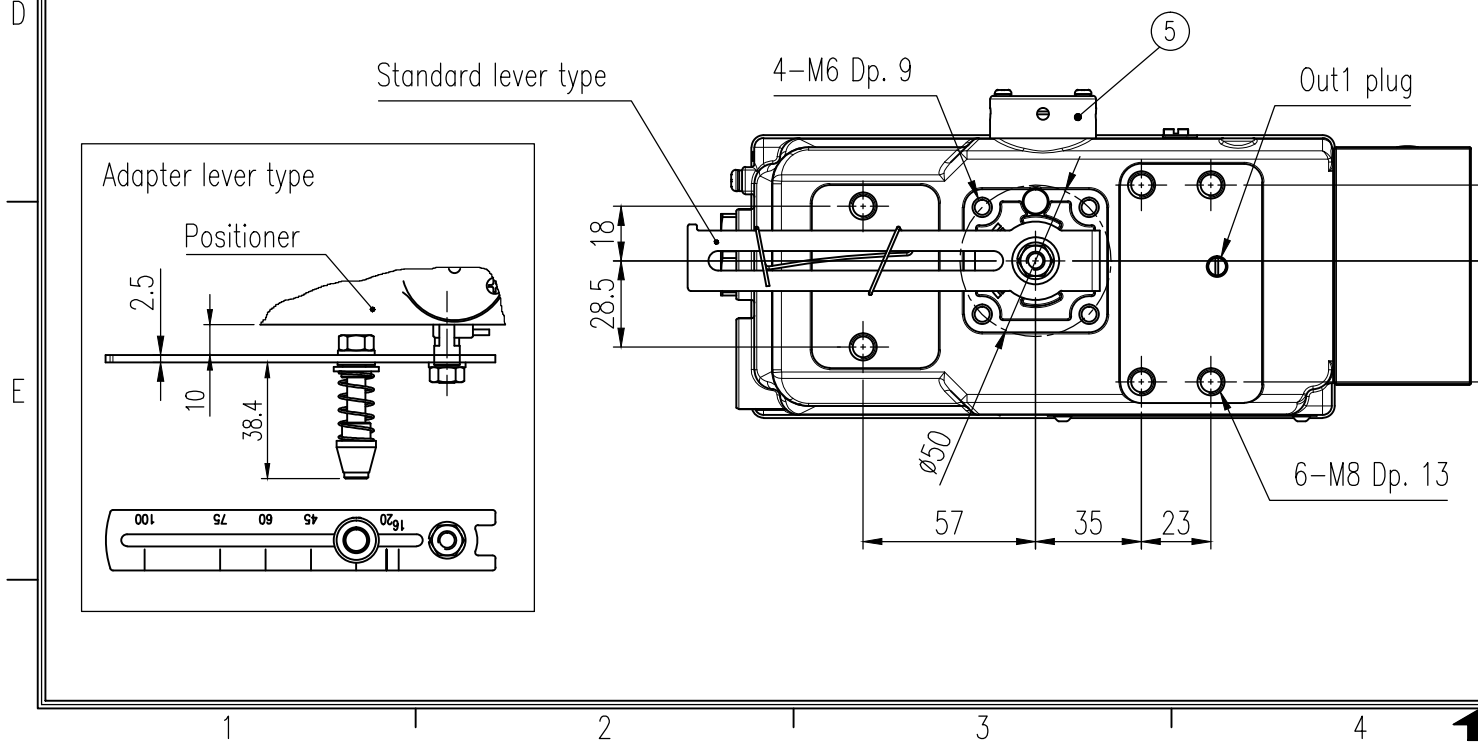
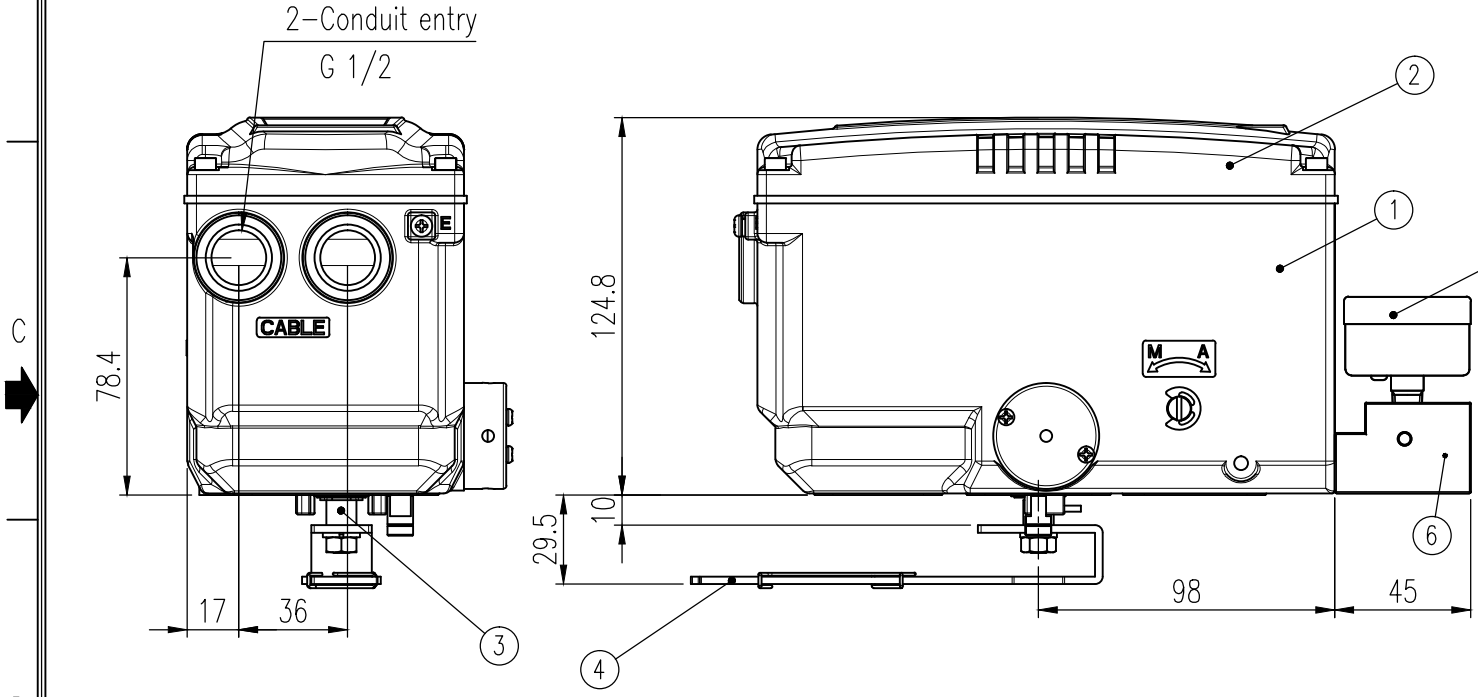
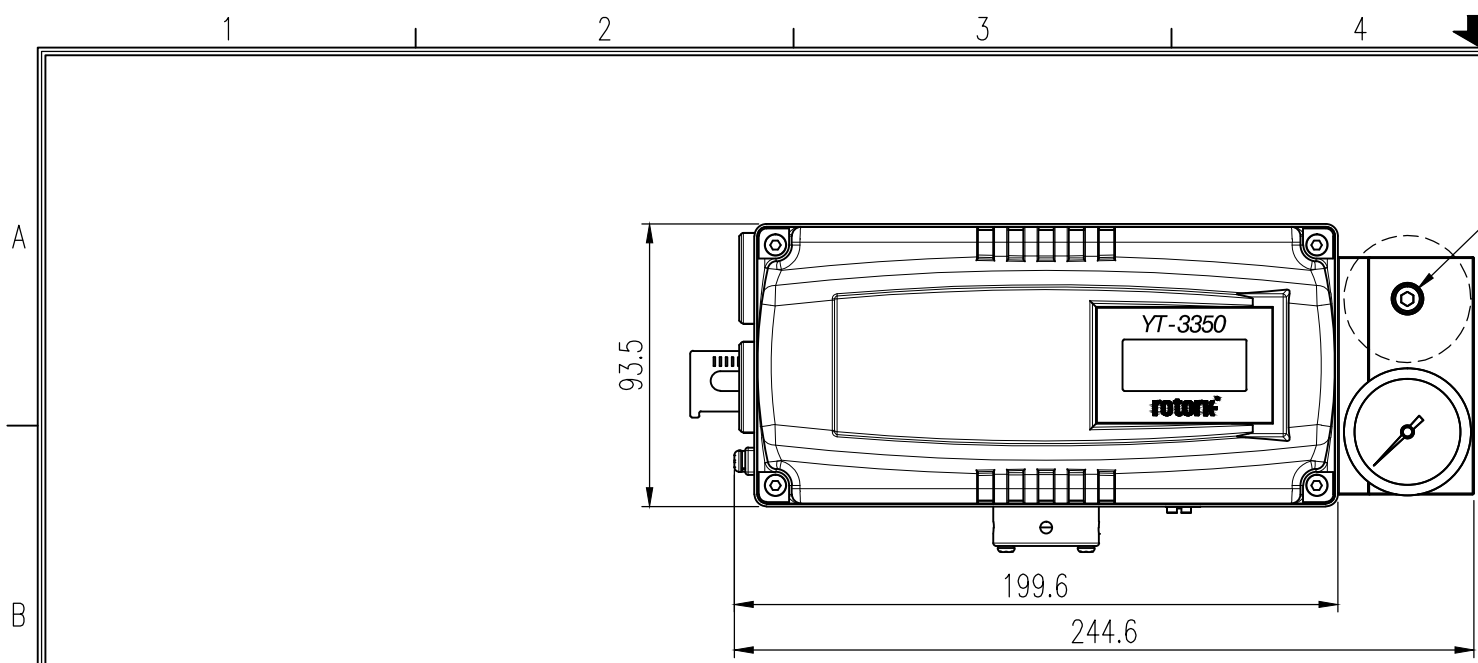




REV.NO.	REVISION DESCRIPTION	DRAWN / DATE	REVIEWED / DATE	APPROVED / DATE
△	First issued	KCH/20141029	JCS/20141029	LYH/20141029
△	Company name changed ...	OSS/20191014	KCH/20191014	KTJ/20191014
△	Drawing updated	KCH/20250117	JCS/20250117	KTJ/20250117

Specifications	
Acting Type	☐ Single ☐ Double
Input Signal	4-20 mA DC
Impedance	Max. 500 Ohm/20 mA DC
Supply Pressure	0.14 to 0.7MPa (1.4 to 7bar)
Explosion Protection	☐ Non-Explosion proof ☐ Ex ia IIC T5/T6 ...
Stroke	10 to 150mm
Lever Type	Standard ☐ 10 to 40mm ☐ 20 to 100mm ☐ 90 to 150mm Adapter ☐ 16 to 30mm ☐ 16 to 60mm ☐ 16 to 100mm ☐ 90 to 150mm
Operating Temp.	☐ -30 to 85 °C (-22 to 185 °F) ☐ -40 to 85 °C (-40 to 185 °F) ☐ -55 to 85 °C (-67 to 185 °F) : Only Non-Explosion
Ambient Temp. of Explosion proof	-40 to 60 °C(T5) / -40 to 40 °C(T6)
Linearity	± 0.5 % F.S.
Hysteresis	± 0.5 % F.S.
Sensitivity	± 0.2 % F.S.
Repeatability	± 0.3 % F.S.
Air Connection	1/4 NPT
Gauge Connection	1/8 NPT
Conduit	G 1/2
Air consumption	Below 2 LPM (Sup. = 0.14 MPa, 1.4 bar)
Flow Capacity	70 LPM (Sup. = 0.14 MPa, 1.4 bar)
Ingress Protection	IP66, Type 4X(FM), (excluding the pressure gauges)
Main Board	MPU 16 bit Micro Controller A/D Converter 12 bit D/A Converter 12 bit
Output Characteristics	Linear, EQ%, Quick Open, User set
Communication	☐ None ☐ HART Communication (HART 7)
Analog Output	☐ None ☐ 4-20 mA (DC 9-28 V)
Housing material	Stainless steel 316
Weight	5.1 kg (11.2 lb)

Limit Switch Specification		
Switch Type	☐ Mechanical Switch x2 ☐ Proximity Sensor x2	
Rated Voltage	3 A-125 VAC 2 A-30 VDC	8.2 VDC Not Detected ≥ 3 mA Detected ≤ 1 mA
Ambient Temp.	-40 to 85 °C	-25 to 100 °C

7	Pressure gauge	STS316	1	
6	Gauge block	STS316	1	
5	Vent cover	STS316	1	
4	Feedback lever	STS316	1	
3	Main shaft	STS316	1	
2	Base cover	SCS14	1	
1	Base body	SCS14	1	
No.	Part name	Material	Q'ty	Remark

SURFACE TEXTURE		PRODUCT NAME		rotork® Rotork YTC Limited GMPQ-SI, KOREA	
FINISH TREATMENT		Smart positioner			
MODEL		YT-3350		TITLE	
MATERIAL		3rd			
PROJECTION		SCALE		Linear, Standard or Linear, L/S internal	
3rd		1 / 2.5			
OTHERWISE NOTE		SHEET No.		DRAWING NO.	
GENERAL TOLERANCE		1 / 1			
QUANTITY		YT-3350L-1		REV.	
1		2			

rotork Rotork YTC Limited
GIMPO-SI, KOREA
Linear, Standard or
Linear, L/S internal