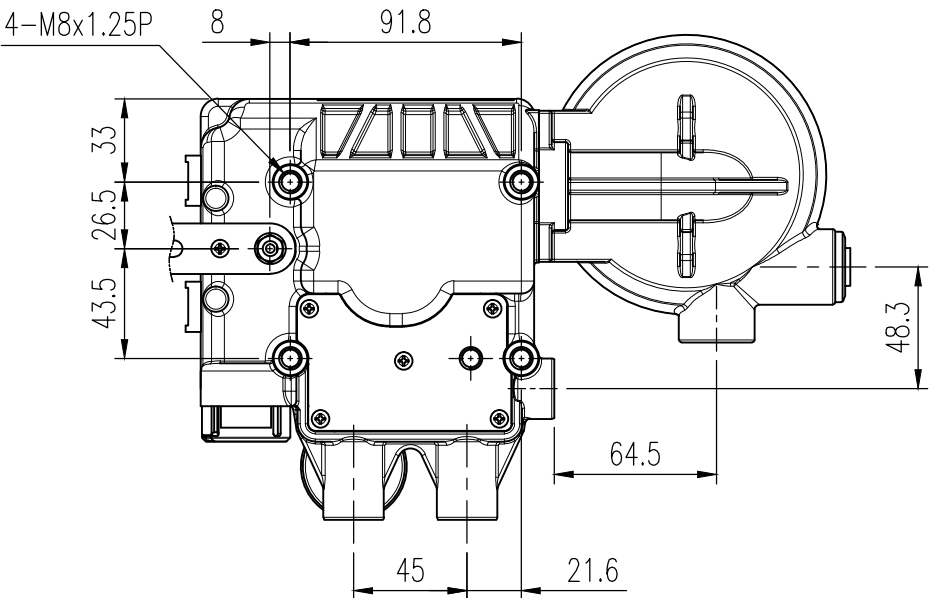
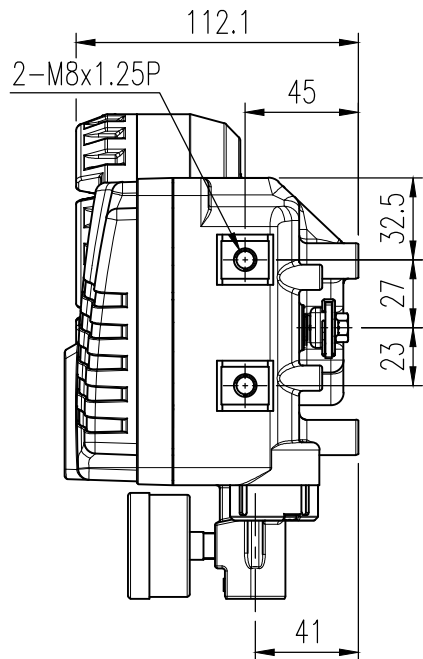
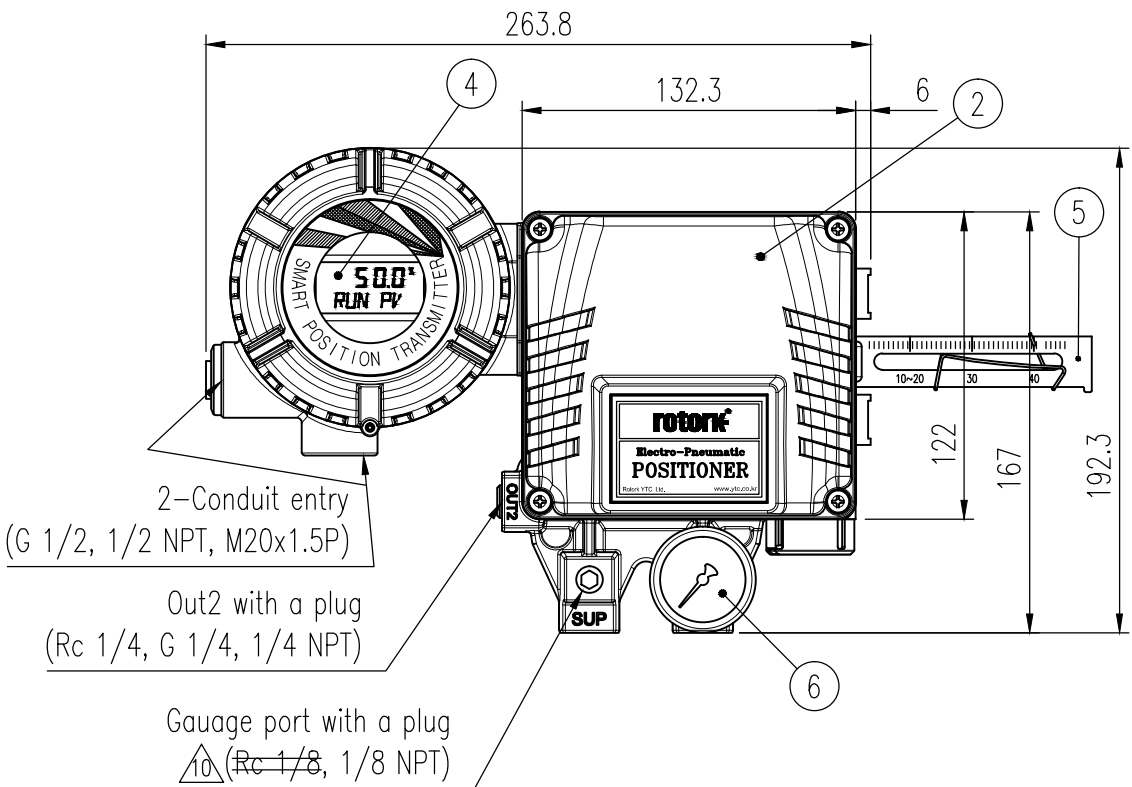


REV.NO.	REVISION DESCRIPTION	DRAWN / DATE	REVIEWED / DATE	APPROVED / DATE
	Previous versions omitted			
△9	Company name changed	KSH/20191016	KCH/20191016	KTJ/20191016
△10	Gauge threads integrated ...	KCH/20250116	JCS/20250116	KTJ/20250116



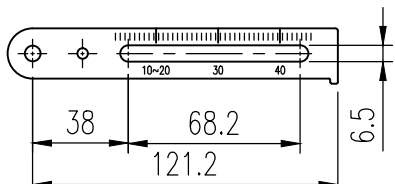
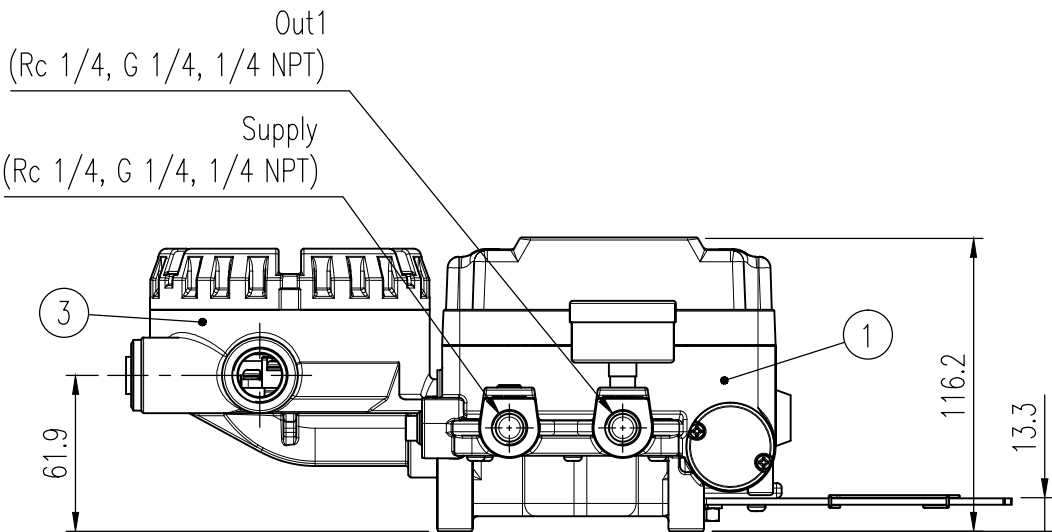
Specification(SPTM)

LCD type Smart Position Transmitter	
Input Stroke	10 to 150 mm
Output Signal	4-20 mA DC
External load Resistance	Rest ≤ (Vs-9) / 20 mA, 750 ohms @Vs = 24 V
Supply Voltage	Vs : 9 to 28 V DC
Linearity	± 1 % F.S.
Hysteresis	± 0.2 % F.S.
Sensitivity	± 0.2 % F.S.

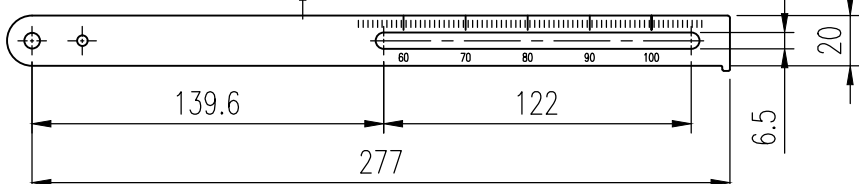
Specification(Positioner)

Motion Type		Linear	
Acting Type		☐ Single	☐ Double
Input Signal		4-20 mA DC	
Impedance		Max. 250 ± 15 Ω	
Supply Pressure		0.14 to 0.7 MPa (1.4 to 7 bar)	
Stroke		10 to 150 mm	
Conduit-Air Connection		☐ G 1/2-Rc 1/4	☐ G 1/2-1/4 NPT
		☐ G 1/2-G 1/4	☐ M20x1.5P-1/4 NPT
		☐ 1/2 NPT-1/4 NPT	
Explosion Protection		Non-Explosion proof	
Orifice Type		☐ ϕ1	☐ ϕ2 ☐ None
Operating Temp.	Standard	☐ -20 to 70 °C (-4 to 158 °F)	
	Low	☐ -40 to 70 °C (-40 to 158 °F)	

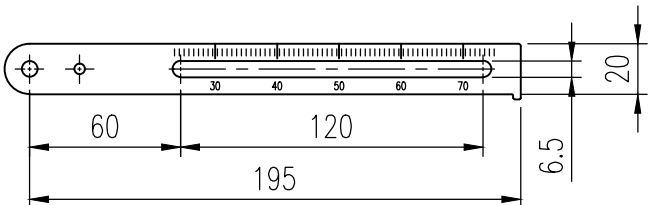
Linearity	Single	± 1.0 % F.S.
	Double	± 2.0 % F.S.
Hysteresis		± 1.0 % F.S.
Sensitivity	Single	± 0.2 % F.S.
	Double	± 0.5 % F.S.
Repeatability		± 0.5 % F.S.
Flow Capacity		> 80 LPM (Sup. = 0.14 MPa, 1.4 bar)
Air Consumption		< 2.5 LPM (Sup. = 0.14 MPa, 1.4 bar)
Ingress Protection		IP66 (excluding the pressure gauges)
Weight		2.8 kg (6.2 lb)
Lever Type	☐ 10 to 40 mm	☐ 30 to 70 mm
	☐ 60 to 100 mm	☐ 100 to 150 mm
Housing Material		Aluminum
Painting		Polyester Powder Coating



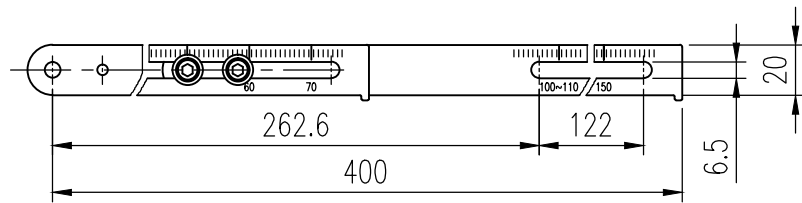
Lever type: 10 to 40 mm



Lever type: 60 to 100 mm



Lever type: 30 to 70 mm



Lever type: 100 to 150 mm

No.	Part name	Material	Q'ty	Remark
1	Base body	ALDC12	1	
2	Base cover	ALDC12	1	
3	Junction box	ALDC12	1	
4	LCD	-	1	
5	Feedback lever	STS304	1	
6	Pressure gauge	STS304	1	△10 1/8 NPT

SURFACE TEXTURE		PRODUCT NAME		PROJECT NAME	
FINISH TREATMENT		E/P Positioner			
MATERIAL		MODEL		TITLE	
OTHERWISE NOTE		PROJECTION		Linear, SPTM(LCD) internal	
GENERAL TOLERANCE		3rd		DRAWING NO.	
		1		YT-1000L-04	
		1 / 1		REV.	
				10	