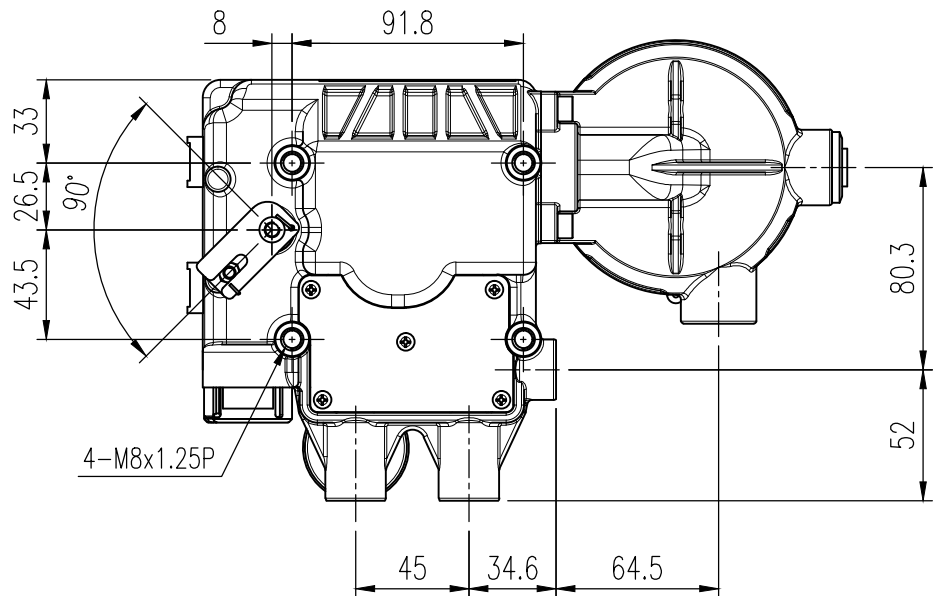
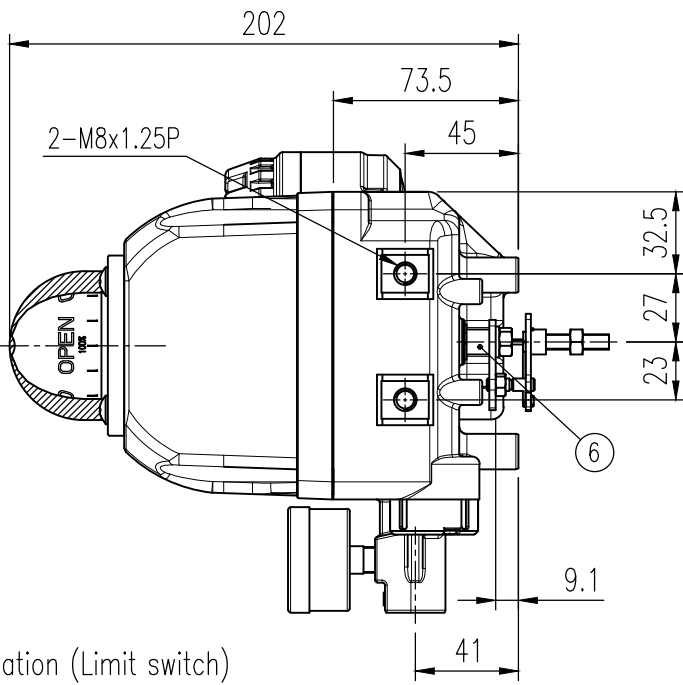
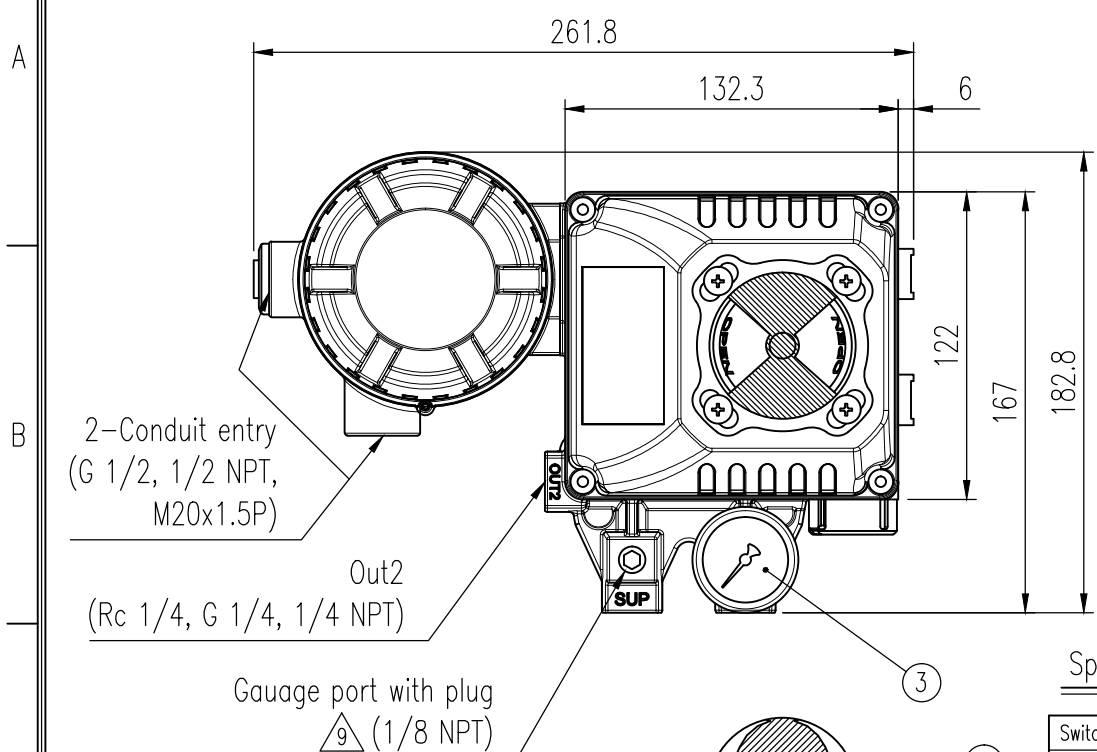


REV.NO.	REVISION DESCRIPTION	DRAWN / DATE	REVIEWED / DATE	APPROVED / DATE
	Previous versions omitted			
△8	Company name changed	KSH/20191018	JCS/20191018	KTJ/20191018
△9	Gauge threads integrated ...	KCH/20250116	JCS/20250116	KTJ/20250116



Specification (Limit switch)

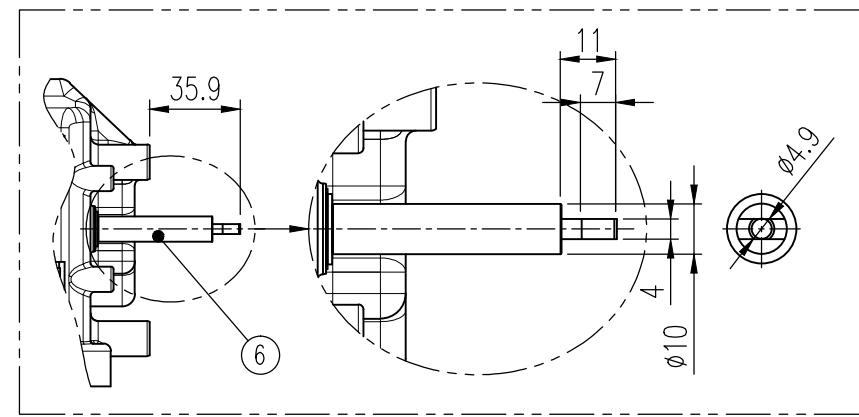
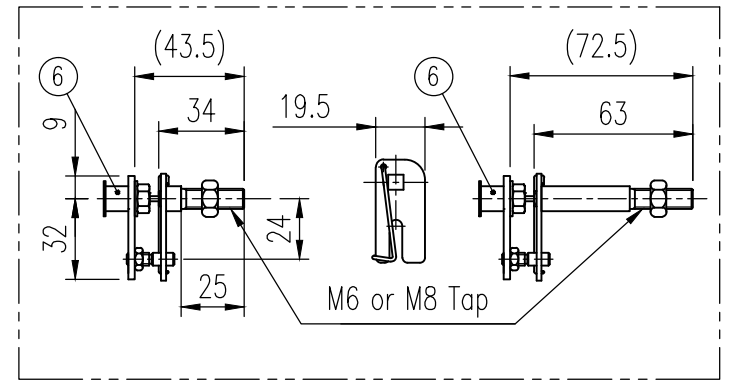
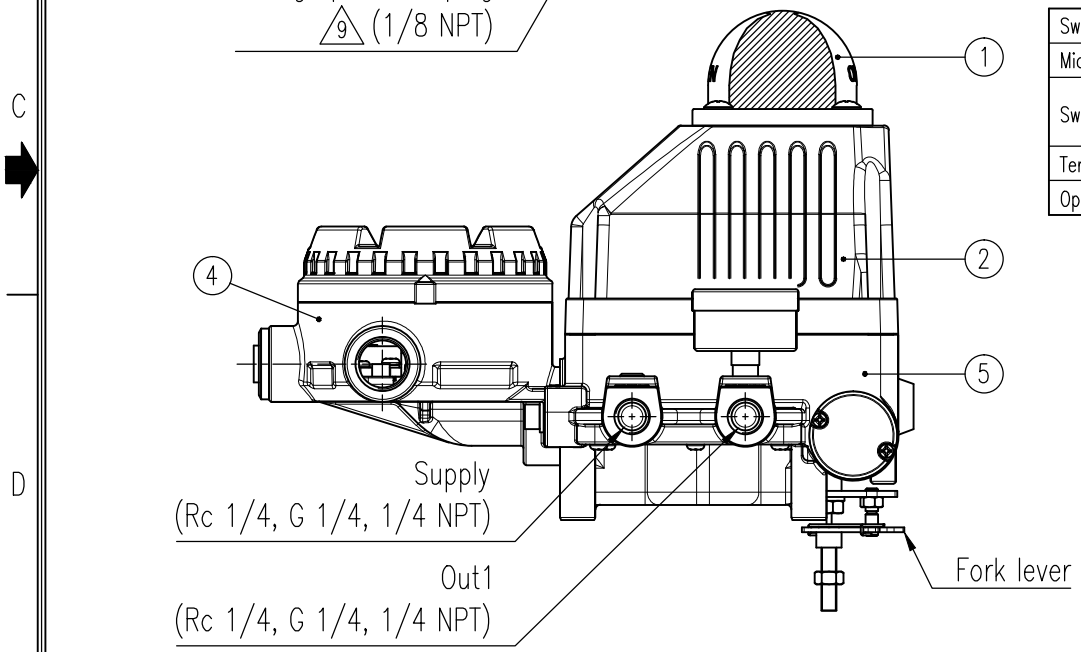
Switch Type	Mechanical Switch (2 x SPDT)	
Micro Switch Model	V-165-1A5 (OMRON)	
Switch Rating	AC	250 V 16 A
	DC	125 V 0.6 A, 250 V 0.3 A
Terminal	8 Points	
Operating Temp.	-25 to 80 °C (-13 to 176 °F)	

Specification (Positioner)

Motion Type	Rotary		Linearity	Single	± 1.0 % F.S.
Acting Type	☐ Single	☐ Double		Double	± 2.0 % F.S.
Input Signal	4-20 mA DC		Hysteresis		± 1.0 % F.S.
Impedance	Max. 250 ± 15 Ω		Sensitivity	Single	± 0.2 % F.S.
Supply Pressure	0.14 to 0.7 MPa (1.4 to 7 bar)			Double	± 0.5 % F.S.
Stroke	55 to 100"		Repeatability		± 0.5 % F.S.
Conduit-Air Connection	☐ G 1/2-Rc 1/4	☐ G 1/2-1/4 NPT	Flow Capacity		> 80 LPM (Sup. = 0.14 MPa, 1.4 bar)
	☐ G 1/2-G 1/4	☐ M20x1.5P-1/4 NPT	Air Consumption		< 2.5 LPM (Sup. = 0.14 MPa, 1.4 bar)
	☐ 1/2 NPT-1/4 NPT		Ingress Protection		IP66 (excluding the pressure gauges)
Explosion Protection	Non-Explosion proof		Weight		2.8kg (6.2 lb)
Orifice Type	☐ Ø1	☐ Ø2	Feedback connection type	☐ M6x34L	☐ M6x63L
Operating Temp.	-20 to 70 °C (-4 to 158 °F)			☐ M8x34L	☐ M8x63L
					☐ NAMUR
			Housing Material	Aluminum	
			Painting	Polyester Powder Coating	

Specification (SPTM)

Smart position transmitter	
Input Type	2 Wire
Input Signal	55 to 100"
Output Signal	4-20mA DC
External load Resistance	Rest ≤ (Vs-9) / 20 mA, 750 ohms @Vs = 24 V
Supply Voltage	Vs : 9 to 28V DC
Linearity	± 1 % F.S.
Hysteresis	± 0.2 % F.S.
Sensitivity	± 0.2 % F.S.



No.	Part name	Material	Q'ty	Remark
1	Indicator dome	Polycarbonate	1	
2	Base cover	ALDC12	1	
3	Pressure gauge	STS304	1	△9 1/8 NPT
4	Junction box	ALDC12	1	
5	Base body	ALDC12	1	
6	Main shaft	STS303	1	Fork lever or NAMUR

SURFACE TEXTURE		PRODUCT NAME		rotork® Rotork YTC Limited GIMPO-SI, KOREA	
FINISH TREATMENT		E/P Positioner			
MODEL		YT-1000R		TITLE Rotary, L/S & SPTM internal, Dome type	
MATERIAL		PROJECTION	SCALE	DRAWING NO.	
		3rd	1 / 3		
OTHERWISE NOTE	GENERAL TOLERANCE	QUANTITY	SHEET No.	REV.	
-	-	1	1 / 1	△9 YT-1000R-14 9	

2019.01.23