

REV.NO.	REVISION DESCRIPTION	DRAWN / DATE	REVIEWED / DATE	APPROVED / DATE
△	최초작성	JCS/20250212		KTJ/20250212
△				

Specifications

Acting Type	☐ Single	☐ Double
Input Signal	4 – 20mA DC	
Impedance	Max. 500 Ohm/20mA DC	
Supply Pressure	0.14 to 1MPa (1.4 to 10bar)	
Explosion Proof	IS : Ex ia IIC T4/T5/T6 Ga Ex ia IIIC T135°C/T100°C/T85°C Da FP : Ex db IIC T4/T5/T6 Gb Ex tb IIIC T135°C/T100°C/T85°C Db	
Stroke	Linear Type : 10 to 150mm / Over 150mm Rotary Type : 55 to 110°	
Operating Temp.	☐ Standard Type -40 to 85°C (-40 to 185°F) ☐ Arctic Ttyp -55 to 85°C (-67 to 185°F)	
Ambient Temp. of Explosion Proof	T6	-40(*-55) to 70°C (-40(*-67) to 158°F)
	T5	-40(*-55) to 80°C (-40(*-67) to 176°F)
	T4	-40(*-55) to 85°C (-40(*-67) to 185°F)
	* WITH ARCTIC SILICONE RUBBER	
Linearity	±0.5% F.S.	
Hysteresis	±0.5% F.S.	
Sensitivity	±0.2% F.S.	
Repeatability	±0.3% F.S.	
Conduit – Air Connection	☐	M20x1.5P – 1/4 NPT
	☐	1/2 NPT – 1/4 NPT
Gauge Connection	1/8 NPT	
Air consumption	Below 6.61LPM (Sup.=0.14MPa, 1.4bar)	
Flow Capacity	390LPM (Sup.=0.42MPa, 4.2bar)	
	650LPM (Sup.=0.84MPa, 8.4bar)	
Ingress Protection	IP66	
Main Board	MPU	16 bit Micro Controller
	A/D Converter	12 bit
	D/A Converter	12 bit
Output Characteristics	☐ Linear	☐ Quick open
	☐ EQ%	☐ User set (5 or 18 point)
Housing Material	Aluminum(Copper < 0.4%)	
Weight	4.5kg (9.9 lb)	

5	COVER PILOT	ALDC3.1(Copper<0.4%)	1	
4	MANIFOLD	ALDC3.1(Copper<0.4%)	1	
3	BODY BASE	ALDC3.1(Copper<0.4%)	1	
2	COVER TERMINAL	ALDC3.1(Copper<0.4%)	1	
1	COVER BASE	ALDC3.1(Copper<0.4%)	1	
No.	Part name	Material	Q'ty	Remark

SURFACE TEXTURE		PRODUCT NAME		rotork® Rotork YTC Limited GIMPO-SI, KOREA	
FINISH TREATMENT		SMART POSITIONER			
MATERIAL		MODEL		TITLE	
OTHERWISE NOTE		PROJECTION		SMART POSITIONER ASS'Y DWG	
GENERAL TOLERANCE		3rd		DRAWING NO.	
		QUANTITY		REV.	
		1		SRTP-4400	
		SHEET No.		0	
		1 / 1			

2019.01.23