

REV.NO.	REVISION DESCRIPTION	DRAWN / DATE	REVIEWED / DATE	APPROVED / DATE
	Previous versions omitted			
3	Ex. certi. name added	KCH/20191007	JCS/20191007	KTJ/20191007
4	Range display changed ...	KCH/20250116	JCS/20250116	KTJ/20250116

Specifications

Input Signal		4–20 mA DC	
Impedance		Max. 390 Ω @ 20mA DC	
Supply Pressure - Output Pressure	Standard	☐ 0.13 to 0.16 MPa (1.3 to 1.6 bar) – 0.02 to 0.1 MPa (0.2 to 1.0 bar)	
	Multirange	☐ 0.14 to 0.16 MPa (1.4 to 1.6 bar) – 0 to 0.12 MPa (0 to 1.2 bar)	
		☐ 0.22 to 0.24 MPa (2.2 to 2.4 bar) – 0.04 to 0.2 MPa (0.4 to 2.0 bar)	
		☐ 0.25 to 0.27 MPa (2.5 to 2.7 bar) – 0 to 0.23 MPa (0 to 2.3 bar)	
Explosion Protection		☐ Non–Explosion proof	
		☐ ATEX/IECEx : Ex ia IIC T5/T6 Gb, Ex ia IIIC T100°C/T85°C Db	
Option		☐ None	☐ 4–20 mA Analog Output
Pressure Gauge		☐ None	☐ 0 to 0.2 MPa ☐ 0 to 0.4 MPa
Ambient Temperature	Operating	–40 to 85 °C (–40 to 185 °F)	
	Explosion Proof	T5	–40 to 60 °C(–40 to 140 °F)
		T6	–40 to 40 °C(–40 to 104 °F)
Air Consumption		Below 2 LPM (Sup. = 0.14 MPa)	
Flow Capacity		70 LPM (Sup. = 0.14 MPa)	
Linearity		± 0.5 % F.S.	
Hysteresis		± 0.5 % F.S.	
Sensitivity		± 0.2 % F.S.	
Repeatability		± 0.3 % F.S.	
Air Connection		☐ Rc 1/4	☐ 1/4 NPT
Conduit Entry		G 1/2	
Ingress Protection		IP66 (excluding the pressure gauges)	
Housing Material		Aluminum	
Weight		1.6 kg (3.5 lb)	
Painting		Polyester Powder Coating	

2	Base body	ALDC12	1	
1	Base cover	ALDC12	1	
No.	Part name	Material	Q'ty	Remark

PROJECT NAME

SURFACE TEXTURE		PRODUCT NAME		rotork Rotork YTC Limited GIMPO-SI, KOREA	
FINISH TREATMENT		IP converter			
MODEL		YT-930		TITLE	
MATERIAL		PROJECTION		Standard	
3rd		SCALE		DRAWING NO.	
1 / 3		SHEET No.		REV.	
OTHERWISE NOTE		QUANTITY		YT-930-01	
GENERAL TOLERANCE		1		4	
-		1 / 1			