

REV.NO.	REVISION DESCRIPTION	DRAWN / DATE	REVIEWED / DATE	APPROVED / DATE
	Previous versions omitted			
3	Drawing arrangement	KCH/20191007	JCS/20191007	KTJ/20191007
4	Range display changed ...	KCH/20241220	JCS/20241220	KTJ/20241220

Specifications

Input Signal		4–20 mA DC	
Impedance		Max. 390 Ω @ 20 mA 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		KCs : Ex d IIC T5/T6 FM : Class I, Division 1, Groups A,B,C,D; T6, T5 Class II, III, Division 1, Groups E, F, G; T6, T5 Class I, Zone 1, AEx d IIC T6, T5 Zone 21 AEx tb IIIC T85°C, T100°C T6/ T85°C Ta= –40°C to +75°C, T5/T100°C Ta = –40°C to +85°C, Type 4X and IP66 CSA : Ex db IIC T5/T6, Ex tb IIIC T85°C/T100°C	
Option		☐ None	☐ 4–20 mA Analog Output
Preesure 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 ~ 85 °C (–40 ~ 185 °F)
		T6	–40 ~ 75 °C (–40 ~ 167 °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		Type 4X(FM), IP66 (excluding the pressure gauges)	
Housing Material		Aluminum	
Weitght		2.5 kg (5.6 lb)	
Painting		Polyester Powder Coating	

3	Pilot body	ALDC12	1	
2	IPC TM body	ALDC12	1	
1	Base cover	ALDC12	1	
No.	Part name	Material	Q'ty	Remark

SURFACE TEXTURE		PRODUCT NAME		rotork® Rotork YTC Limited GIMPO-SI, KOREA	
FINISH TREATMENT		IP converter			
MODEL		YT-940		TITLE	
YT-940		YT-940			
MATERIAL		PROJECTION	SCALE	YT-940 ASS'Y DRAWING	
3rd		3rd	1 / 3		
OTHERWISE NOTE		QUANTITY		DRAWING NO.	
GENERAL TOLERANCE		SHEET No.		YT-940-01	
1		1 / 1		REV.	
2		2		2	