

REV.NO.	REVISION DESCRIPTION	DRAWN / DATE	REVIEWED / DATE	APPROVED / DATE
△	First issued	OSS/20191015	KCH/20191015	KTJ/20191015

This pressure gauge will be replaced with a plug for single acting type.

### Limit Switch Specification

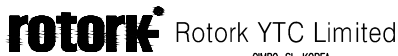
Switch Type	Mechanical Switch	Proximity Sensor
Rated Voltage	3A-125 VAC 2A-30 VDC	8.2 VDC Not Detected ≥ 3mA Detected ≤ 1mA
Ambient Temp.	-40°C ~ 85°C	-25°C ~ 100°C

### Specifications

Acting Type	<input type="checkbox"/> Single	<input type="checkbox"/> Double			
Input Signal	4 ~ 20mA DC				
Impedance	Max. 500 Ohm/20mA DC				
Supply Pressure	0.14 ~ 0.7MPa (1.4 ~ 7bar)				
Explosion Proof	<input type="checkbox"/> Non-Explosion	<input type="checkbox"/> Ex ia IIC T5/T6 ...			
Stroke	55 ~ 110'				
Operating Temp.	<input type="checkbox"/> -30 ~ 85°C (-22 ~ 185°F) <input type="checkbox"/> -40 ~ 85°C (-40 ~ 185°F)				
	<input type="checkbox"/> -55 ~ 85°C (-67 ~ 185°F) Only TRCU				
Explosion Ambient Temp.	-40 ~ 60°C(T5) / -40 ~ 40°C(T6)				
	-55 ~ 60°C(T5) / -55 ~ 40°C(T6) Only TRCU				
Linearity	±0.5% F.S.				
Hysteresis	±0.5% F.S.				
Sensitivity	±0.2% F.S.				
Repeatability	±0.3% F.S.				
Conduit entry, Air Connection, Gauge Connection	G 1/2,	G 1/2,	G 1/2,	M20x1.5P,	1/2 NPT,
	<input type="checkbox"/> Rc 1/4,	<input type="checkbox"/> 1/4 NPT,	<input type="checkbox"/> G 1/4,	<input type="checkbox"/> 1/4 NPT,	<input type="checkbox"/> 1/4 NPT,
	Rc 1/8	1/8 NPT	1/8 NPT	1/8 NPT	1/8 NPT
	Air consumption				
	Below 2LPM (Sup.=0.14MPa, 1.4bar)				
Flow Capacity	70LPM (Sup.=0.14MPa, 1.4bar)				
Enclosure	IP66, Type 4X(FM)				
Main Board	MPU	16 bit Micro Controller			
	A/D Converter	12 bit			
	D/A Converter	12 bit			
Output Characteristics	<input type="checkbox"/> Linear	<input type="checkbox"/> Quick open			
	<input type="checkbox"/> EQ%	<input type="checkbox"/> User set (5 or 21 point)			
Communication (Option)	HART Communication (HART 7)				
Feedback Signal (Option)	4~20mA (DC 9~28V)				
Digital In / Out	Not applied				
Housing material	Aluminum				
Weight	2.0kg (4.4 lb)				
Feedback connection type	NAMUR				

7	Indicator dome	Polycarbonate	1	
6	Pressure gauge	STS304	2	
5	Gauge block	ALDC12	2	
4	Vent cover	PC	1	
3	Main shaft	STS303	1	
2	Base cover	ALDC12	1	
1	Base body	ALDC12	1	
No.	Part name	Material	Q'ty	Remark

PROJECT NAME

SURFACE TEXTURE		PRODUCT NAME		 Rotork YTC Limited GMP0-SI, KOREA	
-		Smart positioner			
FINISH TREATMENT		MODEL		TITLE	
-		YT-3700R		Rotary L/S type drawing	
MATERIAL		PROJECTION	SCALE	DRAWING NO.	
-		3rd	1 / 2.5	YT-3700R-2	
OTHERWISE NOTE		GENERAL TOLERANCE	QUANTITY	SHEET No.	REV.
-		-	1	1 / 1	0

2019.01.23

