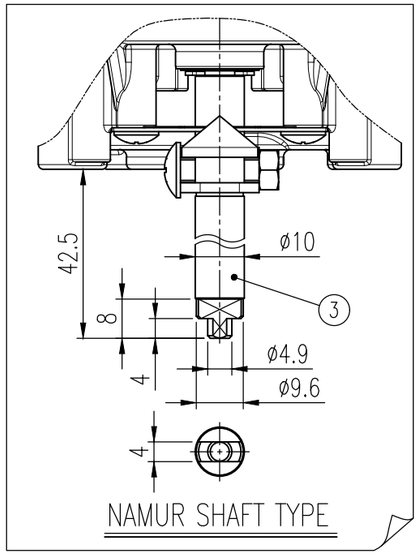
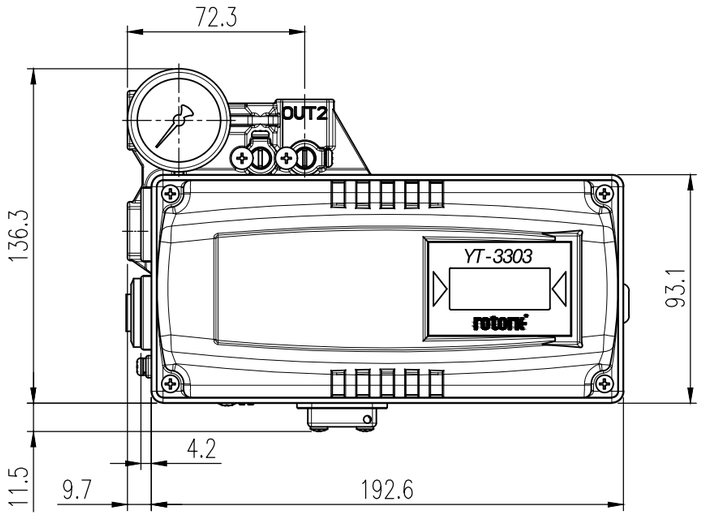
REV.NO.	REVISION DESCRIPTION	DRAWN / DATE	REVIEWED / DATE	APPROVED / DATE
0	First issued	JCS/20141029		LYH/20141029
1	Company name changed ...	OSS/20191011	KCH/20191011	KTJ/20191011

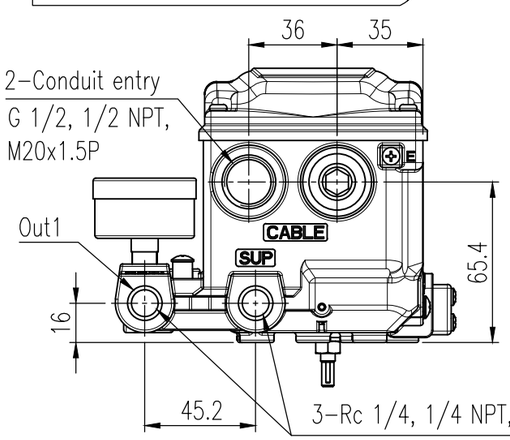


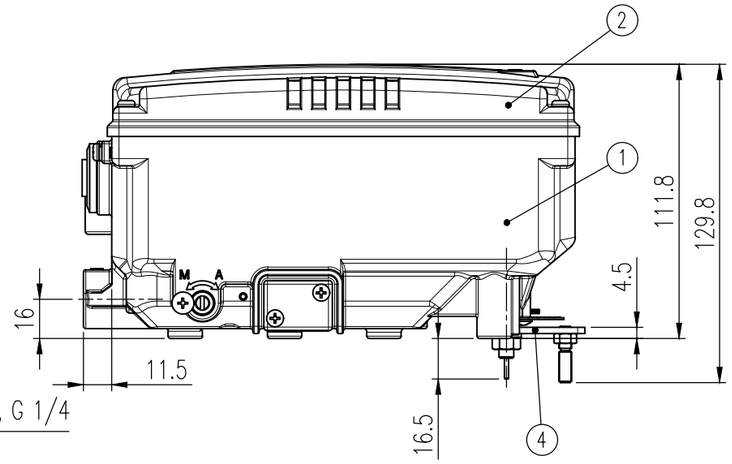
NAMUR SHAFT TYPE

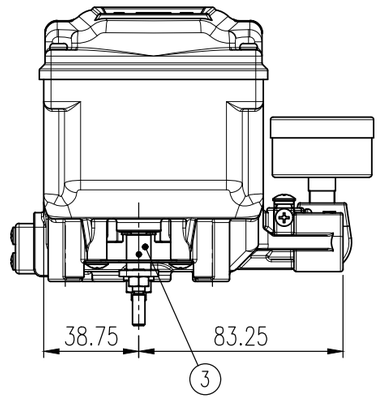


NOTE

1. Conduit M20x1.5P and 1/2 NPT are adapter type.

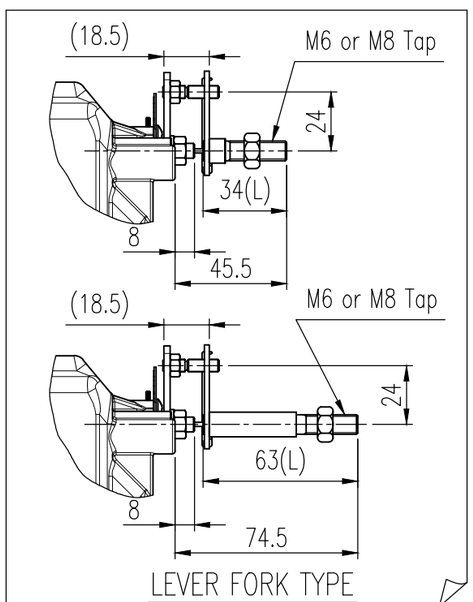




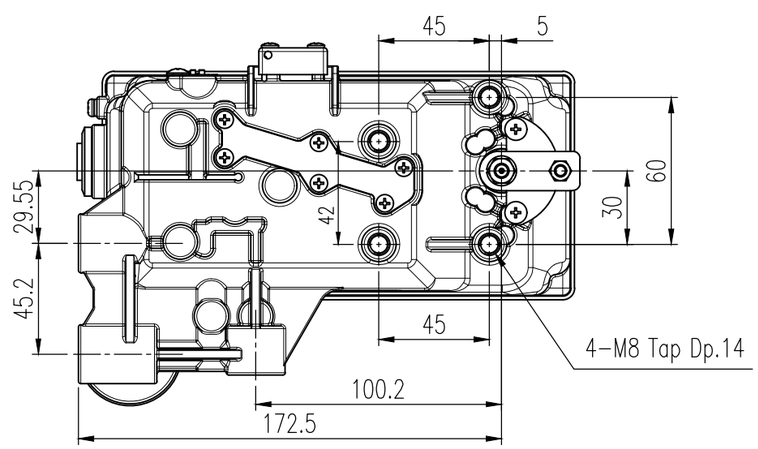


Specifications

Acting Type	☐ Single	☐ Double			
Input Signal	4 ~ 20mA DC				
Impedance	Max 500 Ohm/20mA DC				
Supply Pressure	0.14 ~ 0.7MPa (1.4 ~ 7bar)				
Explosion Proof	☐ Non-Explosion	☐ Ex ia IIC T5/T6 ...			
Stroke	55 ~ 110°				
Operating Temp.	☐ -30 ~ 85°C (-22 ~ 185°F)	☐ -40 ~ 85°C (-40 ~ 185°F)			
	☐ -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, ☐Rc 1/4, Rc 1/8	G 1/2, ☐1/4 NPT, 1/8 NPT	G 1/2, ☐G 1/4, 1/8 NPT	M20x1.5P, ☐1/4 NPT, 1/8 NPT	1/2 NPT, ☐1/4 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	☐ Linear	☐ Quick open			
	☐ EQ%	☐ User set (5 or 18 point)			
Communication (Option)	HART Communication (HART 7)				
Feedback Signal (Option)	4~20mA (DC 9~28V)				
Material	Aluminum				
Weitght	2kgf (4.4 lbf)				
Feedback connection type	☐ M6x34L	☐ M6x63L	☐ NAMUR		
	☐ M8x34L	☐ M8x63L			



LEVER FORK TYPE



No.	Part name	Material	Q'ty	Remark
4	Feedback lever	STS304	1	
3	Main shfat	STS303	1	
2	Base cover	ALDC12	1	
1	Base body	ALDC12	1	

SURFACE TEXTURE: –	PRODUCT NAME: Smart positioner		rotork Rotork YTC Limited GIMPO-SI, KOREA
FINISH TREATMENT: –	MODEL: YT-3303		TITLE: Rotary standard drawing
MATERIAL: –	PROJECTION: 3rd	SCALE: 1 / 2.5	
OTHERWISE NOTE: – / GENERAL TOLERANCE: –	QUANTITY: 1	SHEET No.: 1 / 1	DRAWING NO.: YT-3303R-01 / REV.: 1

PROJECT NAME: –

2019.01.23