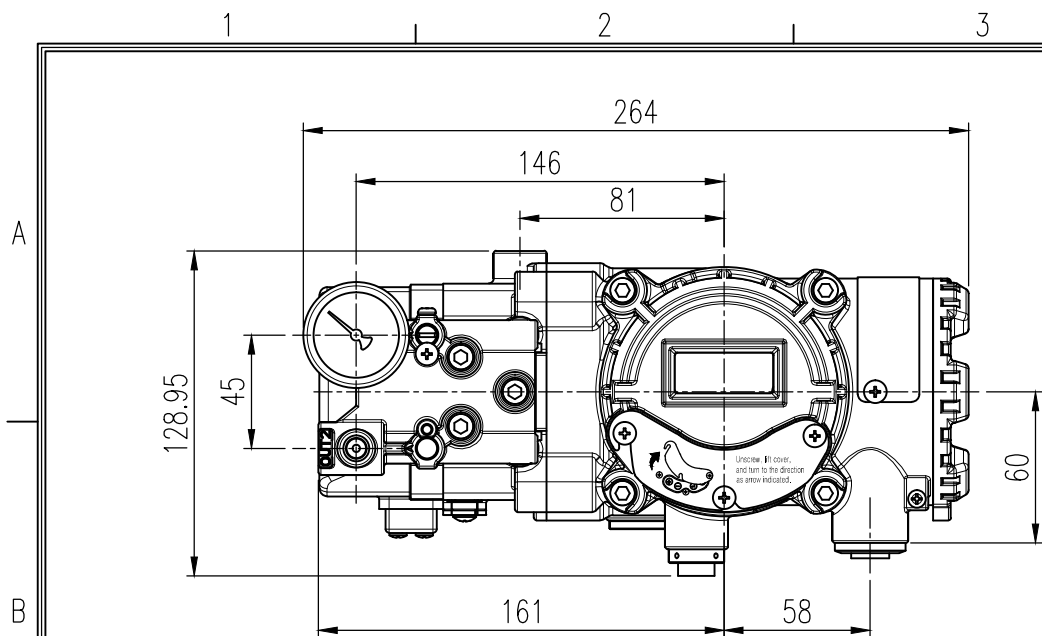
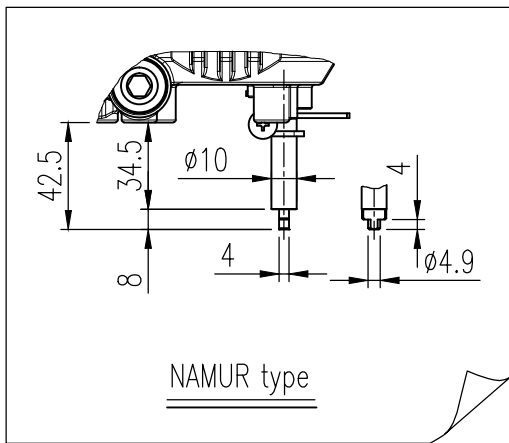
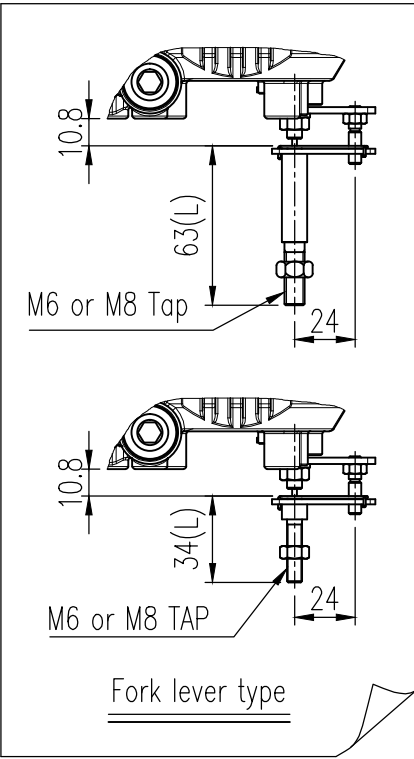
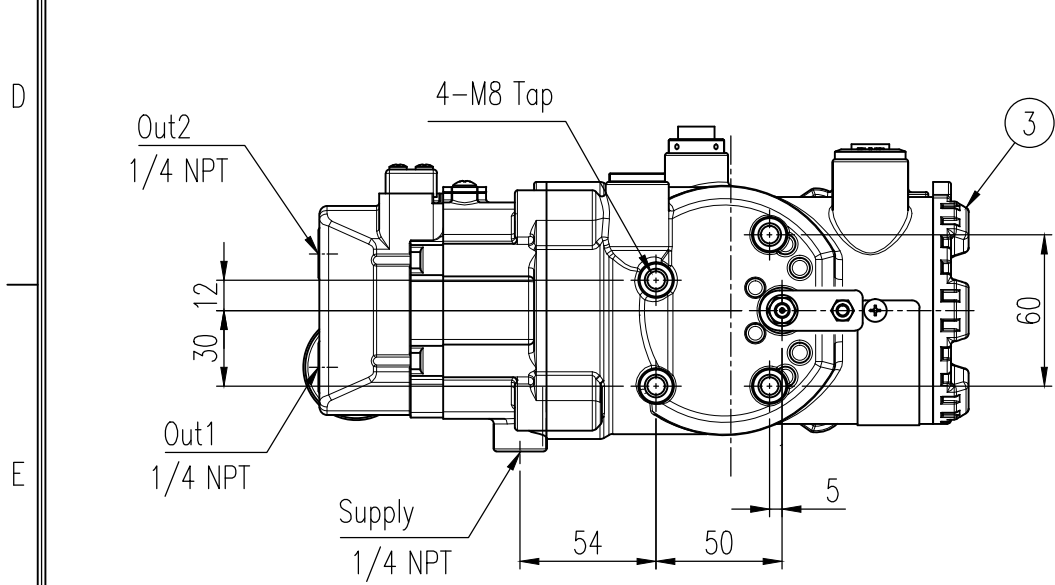
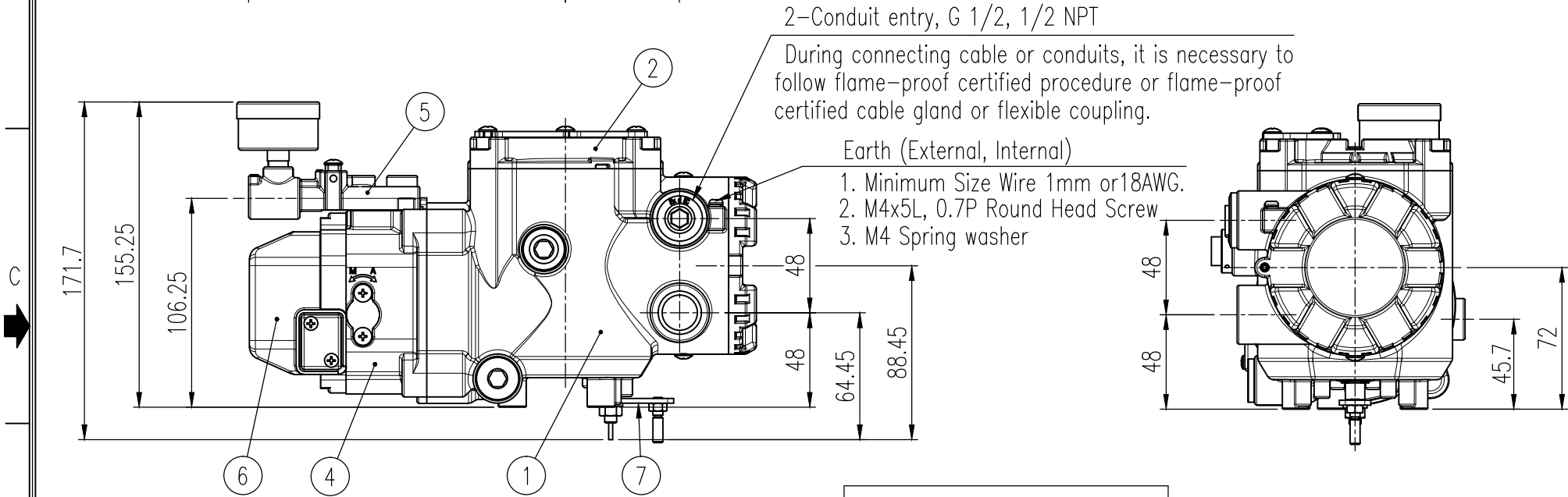




7	Feedback Lever	STS316	1	
6	Pilot cover	SCS14	1	
5	Block	SCS14	1	
4	Manifold	SCS14	1	
3	Terminal cover	SCS14	1	
2	Base cover	SCS14	1	
1	Base body	SCS14	1	
No.	Part name	Material	Q'ty	Remark



REV.NO.	REVISION DESCRIPTION	DRAWN / DATE	REVIEWED / DATE	APPROVED / DATE
Previous versions omitted				
3	Drawing updated	KCH/20250117	JCS/20250117	KTJ/20250117
4	Error correction	KCH/20250911	JCS/20250911	KTJ/20250911

Specifications

Acting Type	☐ Single ☐ Double
Input Signal	4-20 mA DC
Minimum Current Signal	3.6 mA (Standard), 3.7 mA (Analog Output), 3.8 mA (HART or HART+Analog Output)
Impedance	Max. 450 Ohm/20mA DC
Supply Pressure	0.14 to 0.7MPa (1.4 to 7bar)
Explosion Protection	☐ Ex d IIC T6/T5 ... ☐ Non-Explosion proof
Stroke	55 to 110°
Operating Temp.	☐ -30 to 85 °C (-22 to 185 °F) ☐ -40 to 85 °C (-40 to 185 °F) ☐ -55 to 85 °C (-67 to 185 °F) : Only Non-Explosion
Ambient Temp. of Explosion proof	NEPSI, ATEX, IECEx T6 : -40 to 70 °C (-40 to 158 °F) FM, CSA, INMETRO ... T5 : -40 to 80 °C (-40 to 176 °F)
	KCs T6 : -40 to 70 °C (-40 to 158 °F) T5 : -40 to 85 °C (-40 to 185 °F)
Linearity	± 0.5 % F.S.
Hysteresis	± 0.5 % F.S.
Sensitivity	± 0.2 % F.S.
Repeatability	± 0.3 % F.S.
Conduit entry-Air Connection	☐ G 1/2-1/4 NPT ☐ 1/2 NPT-1/4 NPT
Gauge Connection	1/8 NPT
Air consumption	Below 2 LPM (Sup. = 0.14 MPa, 1.4 bar)
Flow Capacity	70 LPM (Sup. = 0.14 MPa, 1.4 bar)
Ingress Protection	TYPE 4, 4X(CSA), IP66, (excluding the pressure gauges)
Main Board	MPU 16 bit Micro Controller
	A/D Converter 12 bit
	D/A Converter 12 bit
Output Characteristics	Linear, EQ%, Quick Open, User set
Communication	☐ None ☐ HART Communication (HART 7)
	☐ HART with Enhanced Diagnostics & DI / DO
Option	☐ None ☐ 4-20 mA Analog Output ☐ Limit Switch(2ea)
	☐ 4-20 mA Analog Output + Limit Switch(2ea) 4
Housing Material	Stainless Steel 316
Weight	7.0 kg (15.4 lb)
Feedback connection type	☐ M6x34L ☐ M6x63L ☐ NAMUR
	☐ M8x34L ☐ M8x34L

SURFACE TEXTURE		PRODUCT NAME		 Rotork YTC Limited GMPO-SI, KOREA	
FINISH TREATMENT		Smart positioner			
MODEL		TITLE			
YT-3450		Rotary			
MATERIAL		PROJECTION	SCALE	DRAWING NO.	
3rd		1 / 3			
OTHERWISE NOTE		QUANTITY	SHEET No.	REV.	
-		1	1 / 1	YT-3450R-1	
GENERAL TOLERANCE		4			
-					