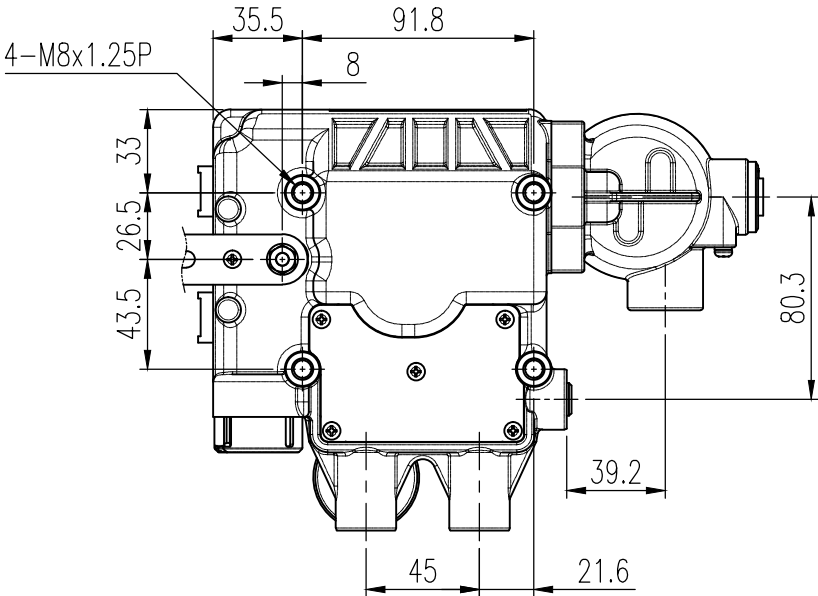
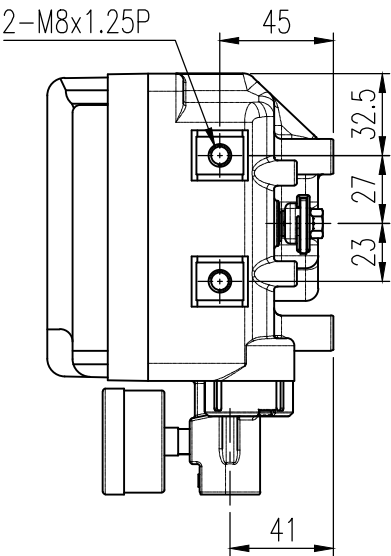
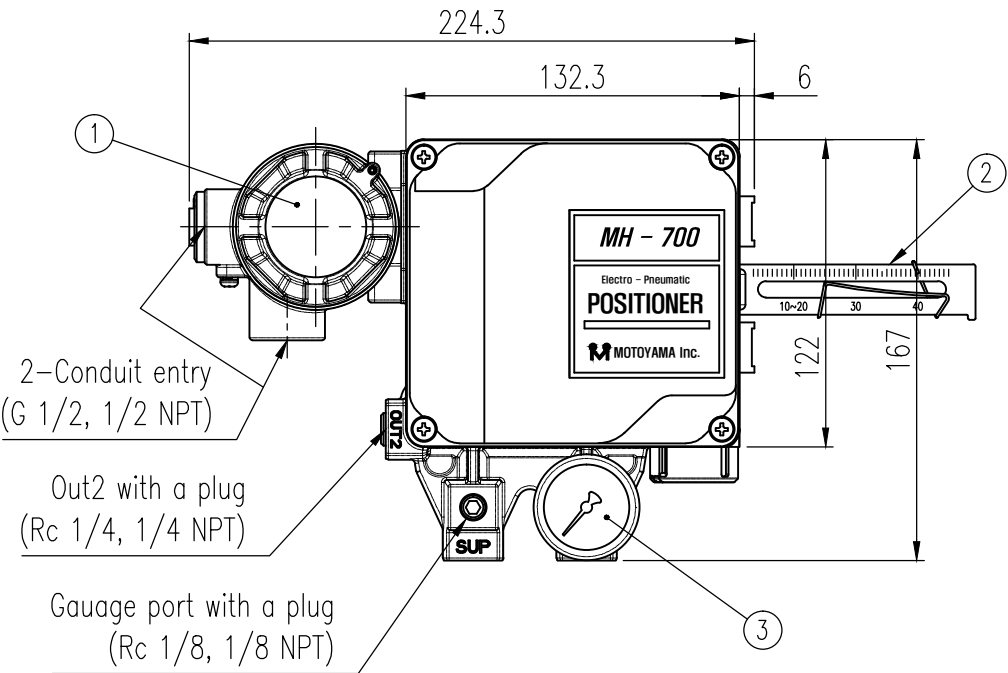


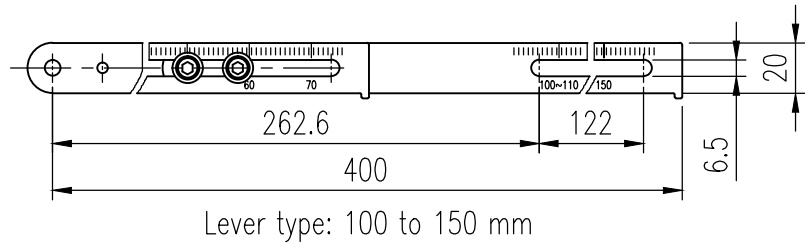
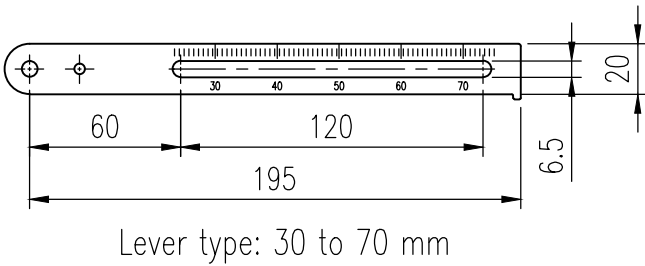
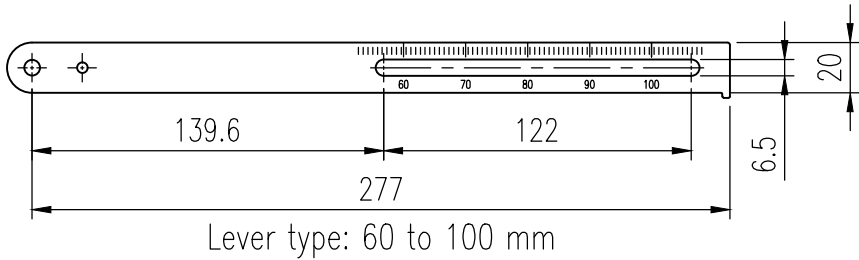
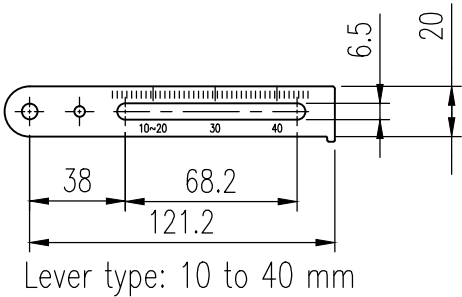
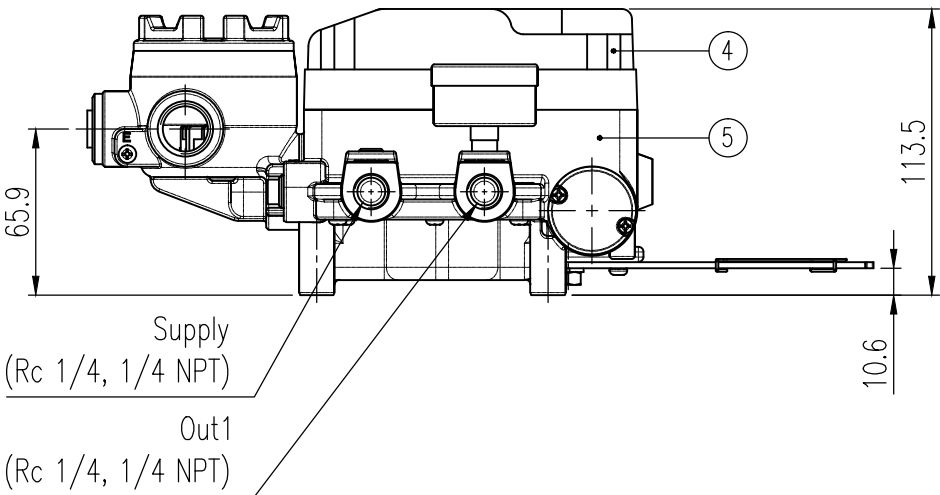
REV.NO.	REVISION DESCRIPTION	DRAWN / DATE	REVIEWED / DATE	APPROVED / DATE
△	DRAWING ARRANGEMENT	KBJ/20110919		JCS/20110919
△	DRAWING ARRANGEMENT	KDH/20130214	JCS/20130214	LYH/20130214
△	Drawing updated	KCH/20250109	JCS/20250109	KTJ/20250109



Specification

Motion Type	Linear	
Acting Type	☐ Single	☐ Double
Input Signal	4-20 mA DC	
Impedance	Max. 250 ± 15 Ω	
Supply Pressure	0.14 to 0.7 MPa (1.4 to 7 bar)	
Stroke	10 to 150 mm	
Conduit-Air Connection	☐ G 1/2-Rc 1/4	☐ G 1/2-1/4 NPT
	☐ 1/2 NPT-1/4 NPT	
Explosion Protection	KCs : Ex dmb IIB T5/T4	
Orifice Type	☐ ø1	☐ ø2 ☐ None
Operating Temp.	Standard	☐ -20 to 70 °C (-4 to 158 °F)
	High	☐ -20 to 120 °C (-4 to 248 °F)
Ambient Temperature of Explosion Proof	T5 : -20 to 70 °C / T6 : -20 to 120 °C	

Linearity	Single	± 1.0 % F.S.
	Double	± 2.0 % F.S.
Hysteresis		± 1.0 % F.S.
Sensitivity	Single	± 0.2 % F.S.
	Double	± 0.5 % F.S.
Repeatability		± 0.5 % F.S.
Flow Capacity	> 80 LPM (Sup. = 0.14 MPa, 1.4 bar)	
Air Consumption	< 2.5 LPM (Sup. = 0.14 MPa, 1.4 bar)	
Ingress Protection	IP66 (excluding the pressure gauges)	
Weight	2.7 kg (6.1 lb)	
Lever Type	☐ 10 to 40 mm	☐ 30 to 70 mm
	☐ 60 to 100 mm	☐ 100 to 150 mm
Housing Material	Aluminum	
Painting	Polyester Powder Coating	



No.	Part name	Material	Q'ty	Remark
1	Junction box	ALDC12	1	
2	Feedback lever	STS304	1	
3	Pressure gauge	STS304	1	
4	Base cover	ALDC12	1	
5	Base body	ALDC12	1	

SURFACE TEXTURE		PRODUCT NAME		PROJECT NAME	
FINISH TREATMENT		E/P Positioner		KOMOTO	
MATERIAL		MODEL		rotork® Rotork YTC Limited	
OTHERWISE NOTE		PROJECTION		GIMPO-SI, KOREA	
GENERAL TOLERANCE		SCALE		TITLE	
		3rd		Linear	
		QUANTITY		DRAWING NO.	
		1		MH-700L-01	
		SHEET No.		REV.	
		1 / 1		2	