

Electro Pneumatic Positioner **KEP10**

- + Simple zero and span adjustment.
- + Easy maintenance due to built-in module type.
- + Strong to vibrations and No resonance between 5–200Hz.
- + By-pass valve (A/M switch) installed.
- + Air connection part is designed for detachability and it can be changed PF/NPT tapping threads in the field easily.



Type		KEP10L (Linear)		KEP10R (Rotary)	
		Single	Double	Single	Double
Input Signal		4~20mA DC			
Impedance		250±15Ω			
Supply Pressure		0.14~0.7MPa			
Stroke		10~150mm		0~90°	
Air Connection		PT 1/4 (NPT 1/4)			
Gauge Connection		PT 1/8 (NPT 1/8)			
Conduit		PF 1/2 (NPT 1/2)			
Explosion Proof		Non-Explosion Ex dmb II B T5/T6, Ex dmb II C T5/T6, Ex ia II C T5/T6			
Exclosure		IP66			
Ambient Temp.	Operating Temp.	-30℃~70℃ (#L:-40℃~70℃/#H:-30℃~120℃)			
	Explosion Temp.	-40℃~60℃ (T5)/-40℃~40℃ (T6)			
Linearity		±1.0% F.S	±2.0% F.S	±1.0% F.S	±2.0% F.S
Sensitivity		±0.2% F.S	±0.5% F.S	±0.2% F.S	±0.5% F.S
Hysteresis		±1.0% F.S			
Repeatability		±0.5% F.S			
Air Consumption		Blow 2.5LPM (Sup=0.14MPa)			
Flow Capacity		Over 80LPM (Sup=0.14MPa)			
Material		Aluminum Diecasting			
Weight		2.8Kg			
-Tested under ambient temperature of 20℃, absolute pressure of 760mmHg, and humidity of 65%.					

Model code:

KEP **a** **b** **c** **d** **e** - **f**

a.Motion

L:Linear

R:Rotary

b.Explosion

N:Non

B:Ex dmb IIB

C:Ex dmb IIC

A:Ex ia IIC

c.Connection

Conduit Air

1: PF1/2 PT1/4

2: PF1/2 NPT1/4

3: NPT1/2 NPT1/4

d.Laver

 Linear 1:10~40mm
 4:40~70mm
 7:70~100mm
 0:100~150mm

 Rotary 6:M6*34L
 N:Namur

e.Ambient Temp.

S:-30℃~70℃

L:-40℃~70℃

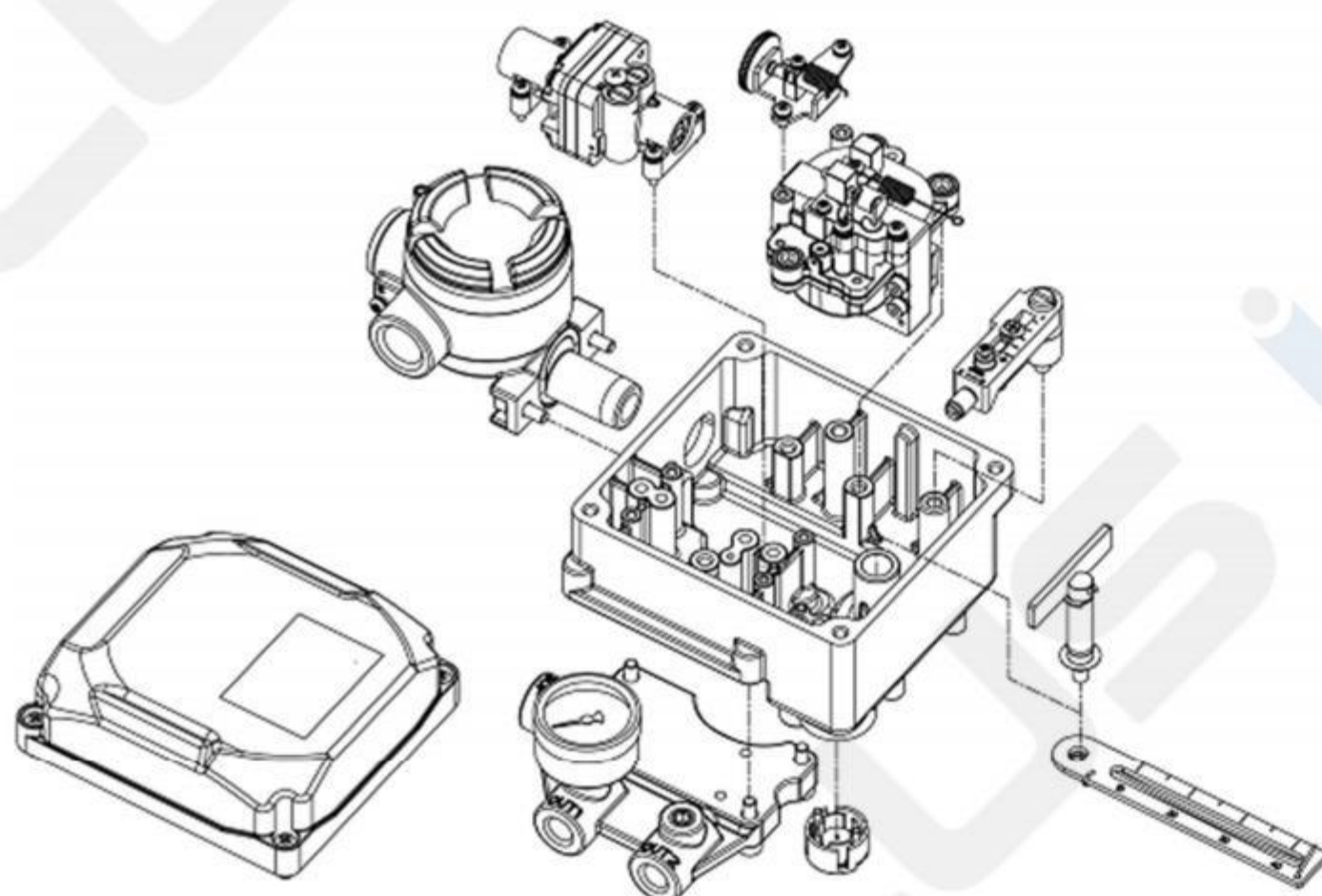
H:-30℃~120℃

f.option

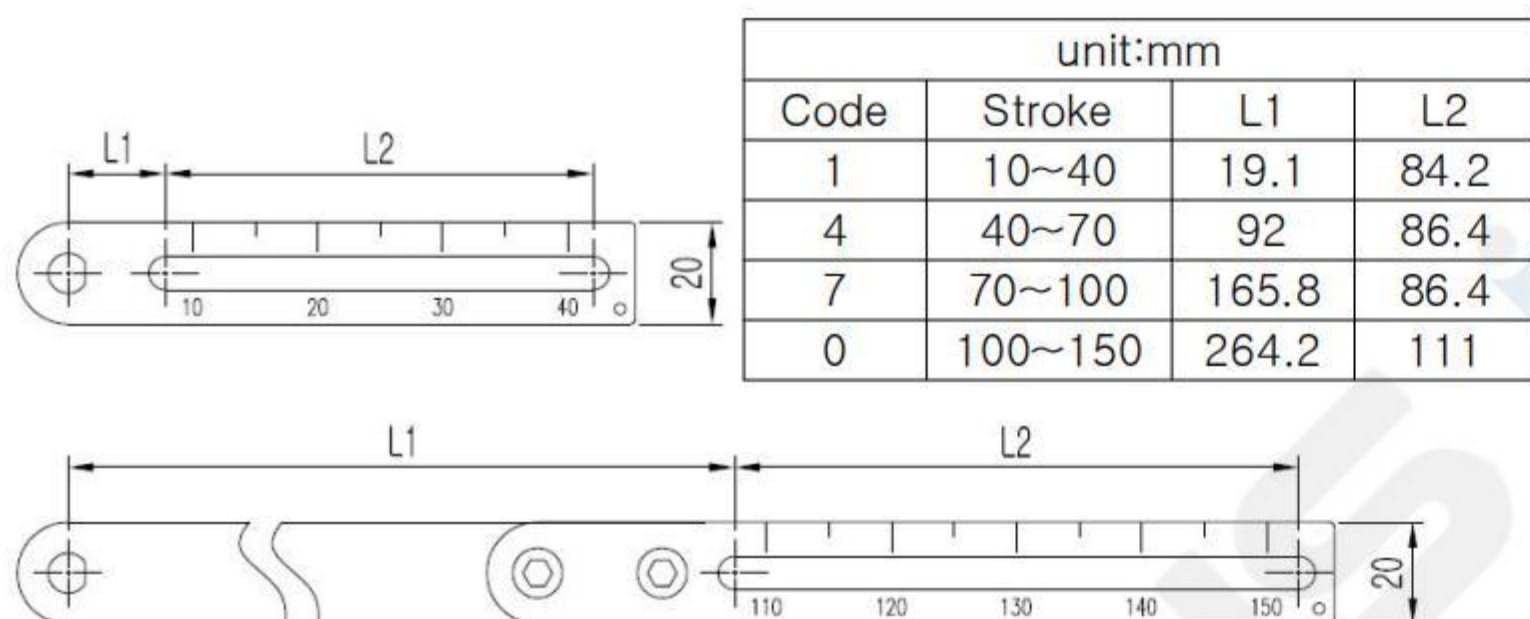
F:4~20mA Feeddback signal

L:Limit switch included (2xSPDT)

2:Feebback+Limit switch

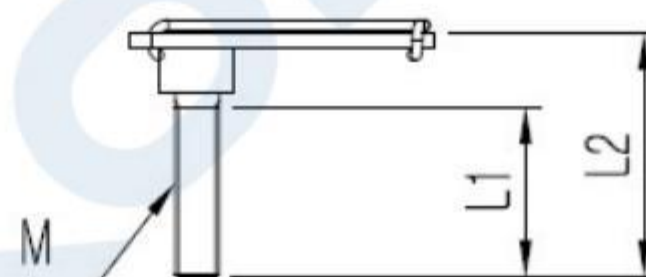


KEP100L Lever



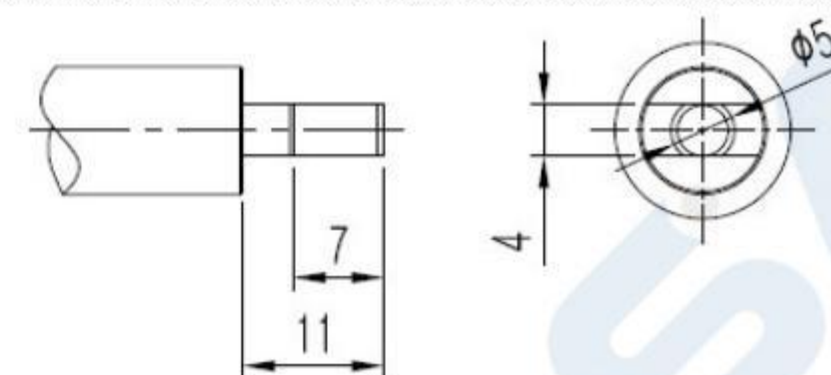
KEP100R Lever

▷ Fork lever type

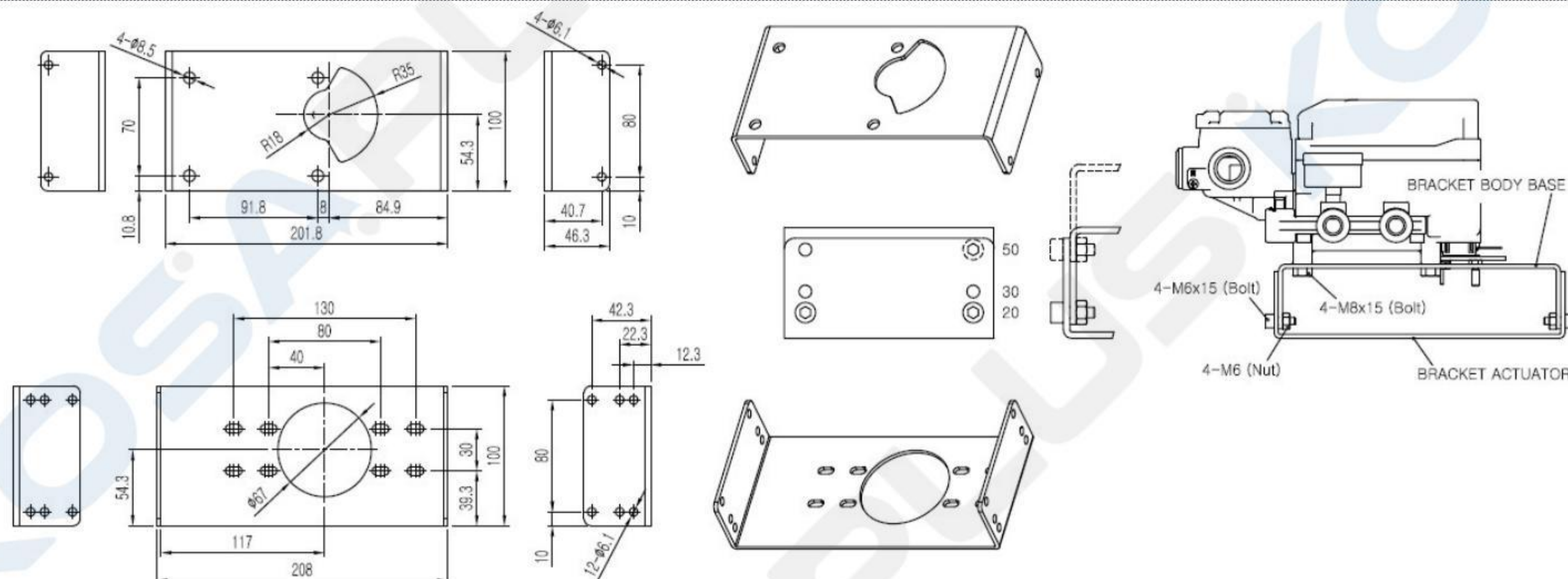


unit:mm			
Code	L1	L2	M
6	23	34	M6

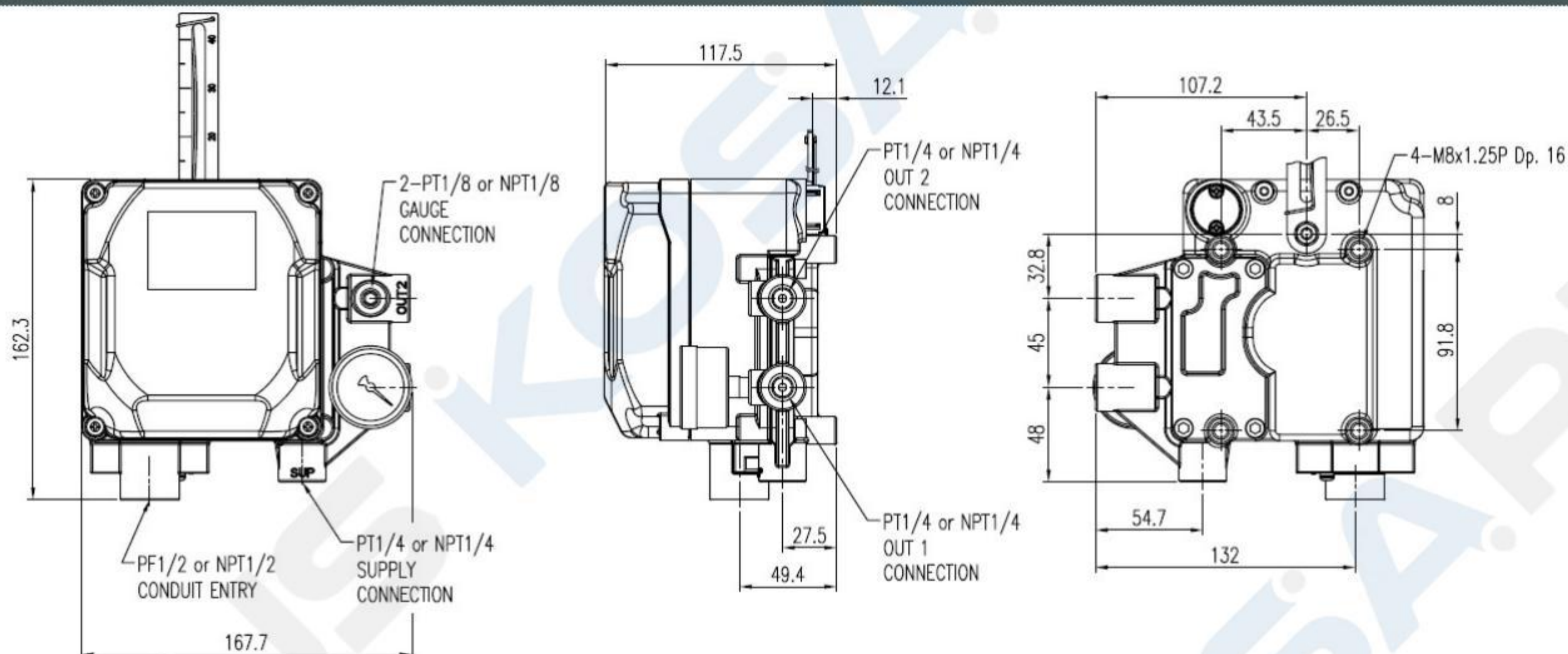
▷ Namur type



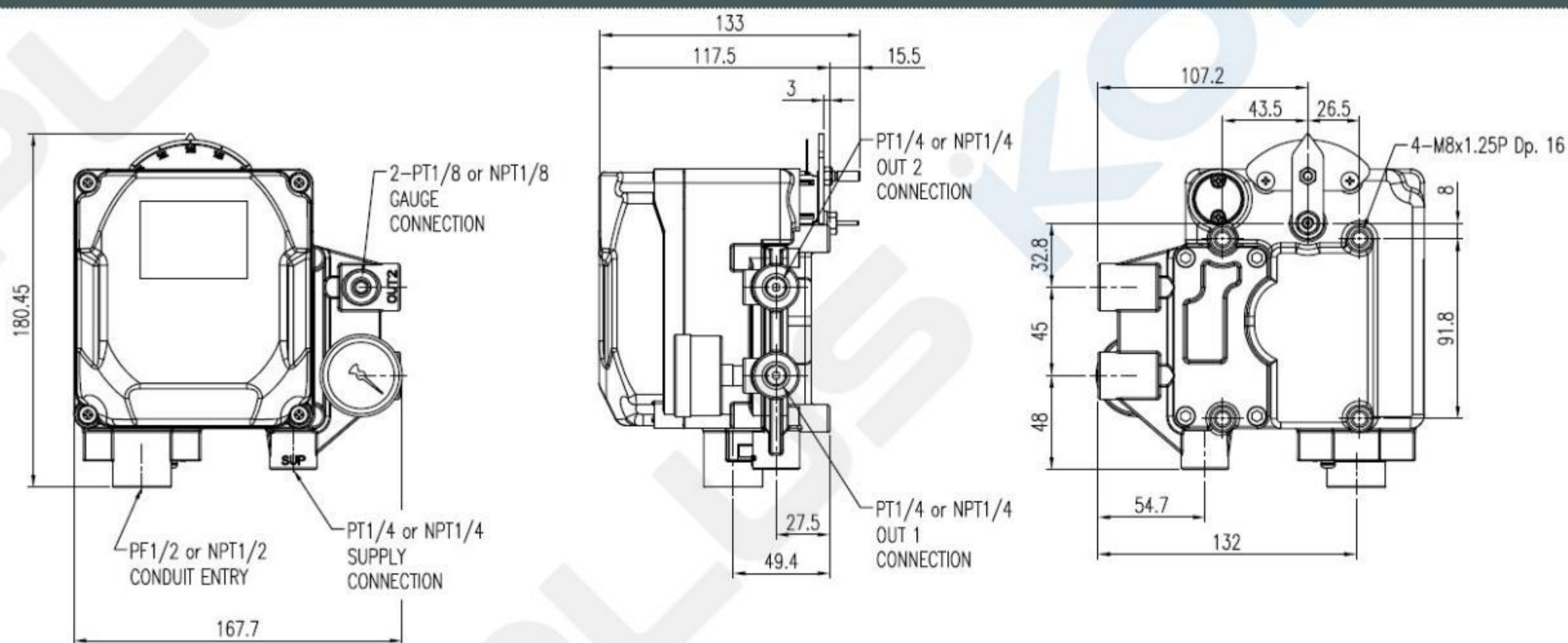
KEP10R Bracket



KEP10L



KEP10R



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