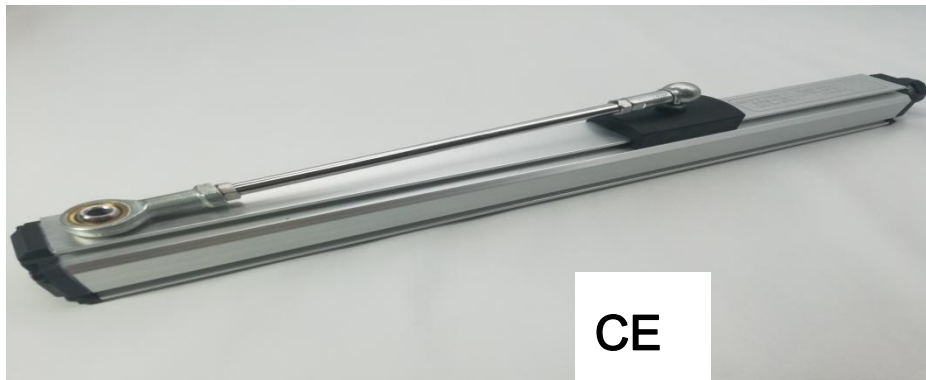


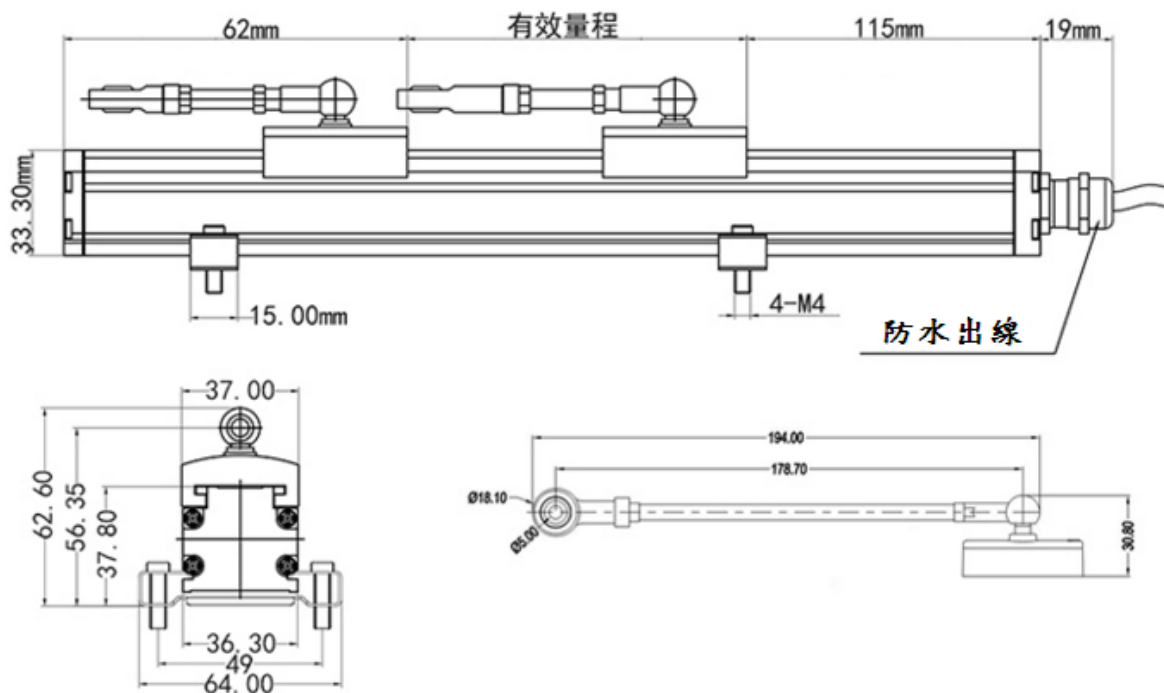
Contactless magnetostrictive Linear position transducer

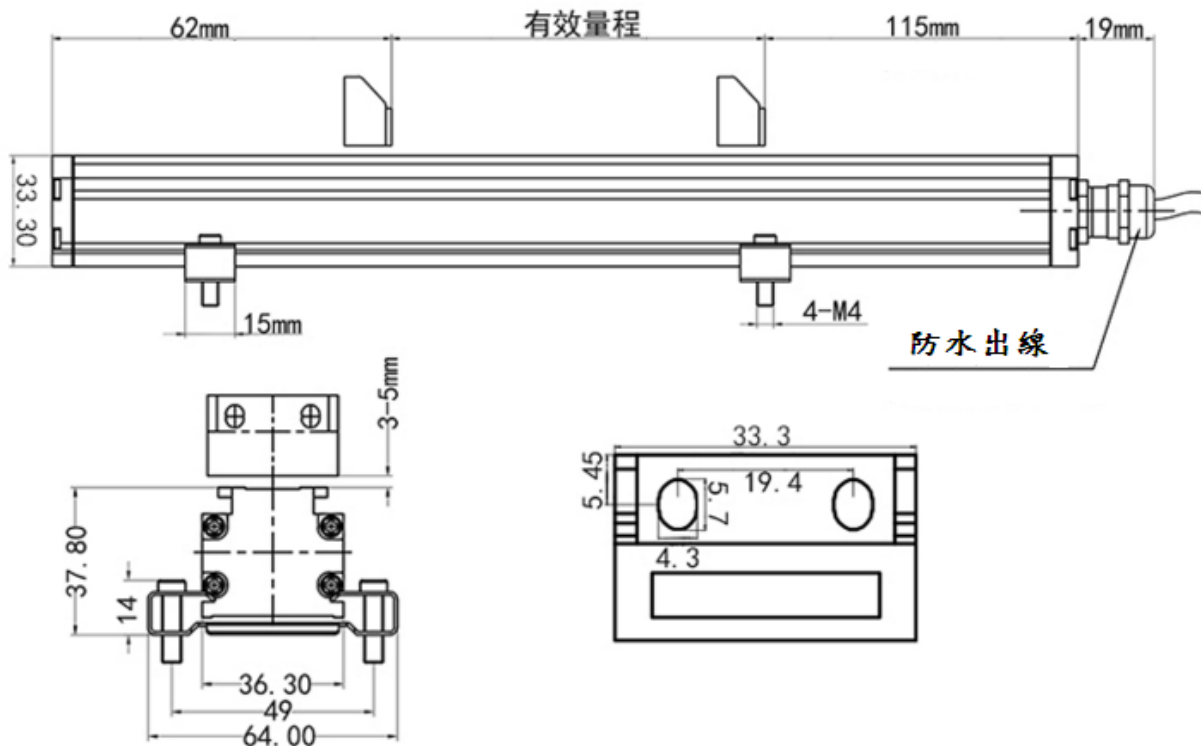
KMM transducers employ the touchless magnetostrictive measuring process for direct, precise, and absolute measurement of linear position, for motion control, positioning and measurement display applications.

This measurement principle uses position markers (magnets) as mechanical input devices. The position markers are available in free-floating or rail-guided versions. Clamps allow easy and flexible transducer mounting, as well as precise adjustment of the installation position. The KMM is with innovative magnetostrictive technology for longer life time. The absence of electrical contact on the cursor eliminates all wearing and guarantees almost unlimited life. The new technology solution allows obtaining an essential modular structure with compact size for simple installation and strokes from 80 to 5000mm.



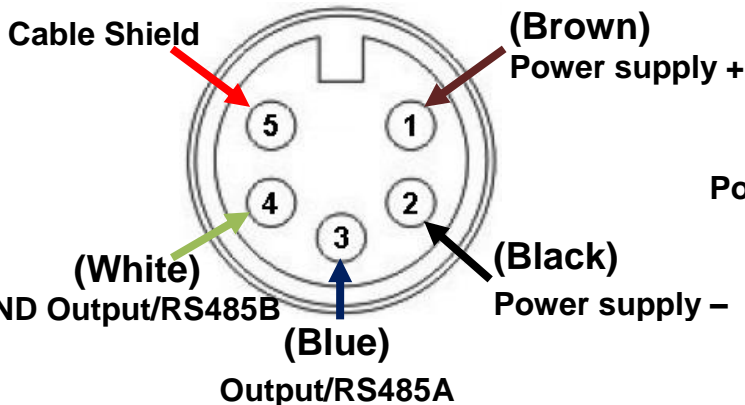
MECHANICAL DIMENSIONS: (Unit :177 mm)



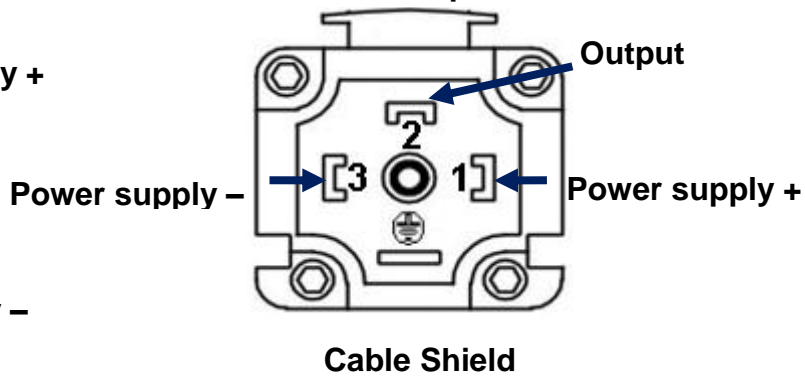


ELECTRICAL CONNECTIONS:

5 PIN connector output M12



4 PIN connector output DIN43650



ACCESSORIES

STANDARD ON REQUEST:

KMM mounting kit, 2 brackets, 4 screws

ON REQUEST:

Floating position marker, plastic, 2 screws (F)

Guided position marker, ball coupling (S)

C: cable length (1 meter)

A: 5-pin round connector, shielded, M12 x 1

M: Connector DIN43650 IP67

Mechanical Feature:



Total Electrical Travel (mm)	100, 110, 125, 150, 175, 200, 225, 250, 275, 300, 325, 350, 360, 375, 400, 425, 450, 475, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000, 1150, 1250,
Connect	DIN43650
Output	Current A:(4~20)mA 、 Voltage V1:(0~5)V, V2:(0~10)V 、 R:RS485
Working Voltage	DC 15~24V
Working Current	Voltage, RS485 output $\leq 16\text{mA}$, current output $\leq 35\text{mA}$
Linearity	$\leq 0.05\%FS$
Repeatability	$\leq 0.0005\%FS$
Resolution	$\leq 0.001\%FS$
Protection	IP67
Vibration	100g,ICE 68-2-7 , 15g/10~2KHz IEC 68-2-6
Shock	100g/ IEC 68-2-27
Isolation	DC 500V >10M Ω
Temperature	-40~+85 °C
Case	Aluminum
ft	Stainless