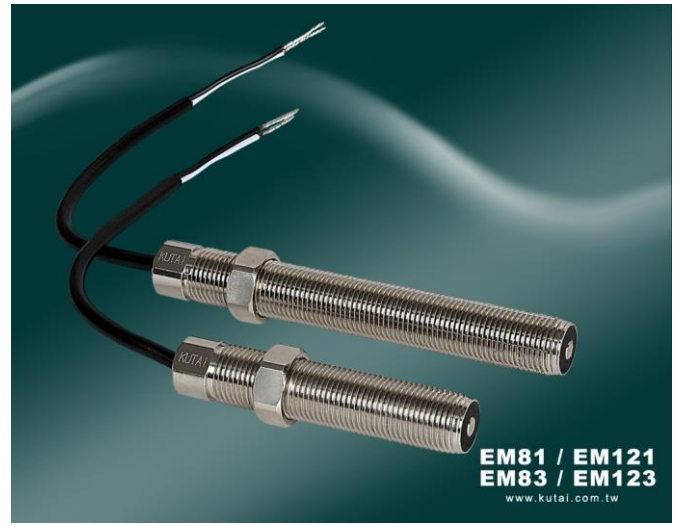


# EM81 / EM121 EM83 / EM123

## Magnetic Pickups (MPU)

MPU is a measuring device for monitoring the speed of the driving force. When a ferromagnetic object (Usually the generator's flywheel gear) passes by the tip of the MPU, it produces a magnetic field and the MPU induced a voltage signal internally and the frequency of the voltage as the input to the speed control signal and accurately measure the prime mover speed.

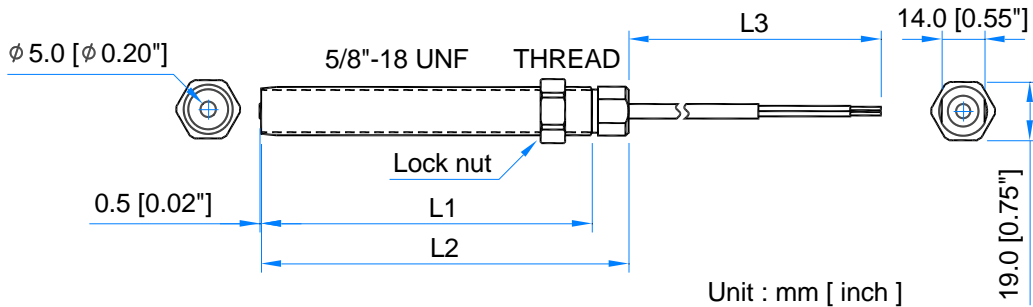


EM81 / EM121  
EM83 / EM123  
www.kutai.com.tw

## Specifications

<b>Operated Range</b>	500 to 10,000 Hz	<b>Operating Temperature</b>	-40 to +100 °C
<b>Clearance</b>	0.5 +/-0.15 mm	<b>Vibration</b>	3.0Gs @ 100 – 2K Hz

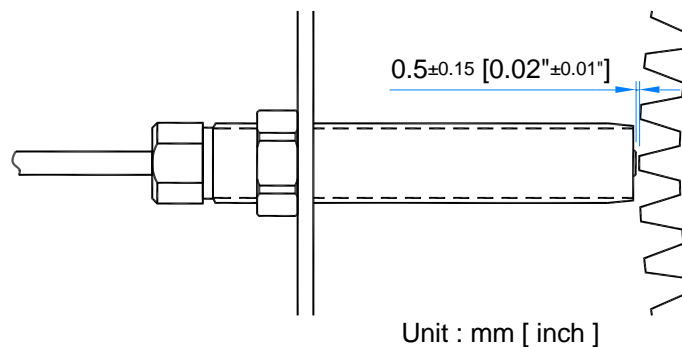
## Mechanical Specifications



Unit : mm [ inch ]

	L1	L2	L3	DC Resistance	Weight	Thread
<b>EM81</b>	68 [2.68"]	80 [3.15"]	150 [5.91"]	95 ohms +/-3%	80 g +/-2%	5/8"-18 UNF
<b>EM83</b>	68 [2.68"]	80 [3.15"]	150 [5.91"]	300 ohms +/-3%	80 g +/-2%	5/8"-18 UNF
<b>EM121</b>	108 [4.25"]	120 [4.72"]	150 [5.91"]	95 ohms +/-3%	105 g +/-2%	5/8"-18 UNF
<b>EM123</b>	108 [4.25"]	120 [4.72"]	150 [5.91"]	300 ohms +/-3%	105 g +/-2%	5/8"-18 UNF

## Installation Reference



Unit : mm [ inch ]

