

EM81 / EM121

Magnetic Pickups (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.

Specifications

DC Resistance 95 Ω \pm 3%

Output Signal 12 VAC (P-P) @ 5 KHz

Clearance 0.5 mm

Operating Temperature -40~100 $^{\circ}$ C

Vibration 3G @ 100~2 KHz

Dimensions EM81 : 245.0 (L) x 20.0 (W) x 20.0 (H) mm

EM121 : 285.0 (L) x 20.0 (W) x 20.0 (H) mm

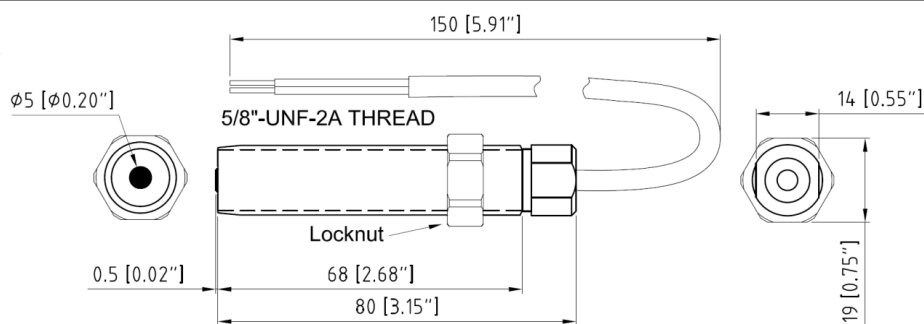
Weight EM81 : 80 g \pm 2%

EM121 : 105 g \pm 2%

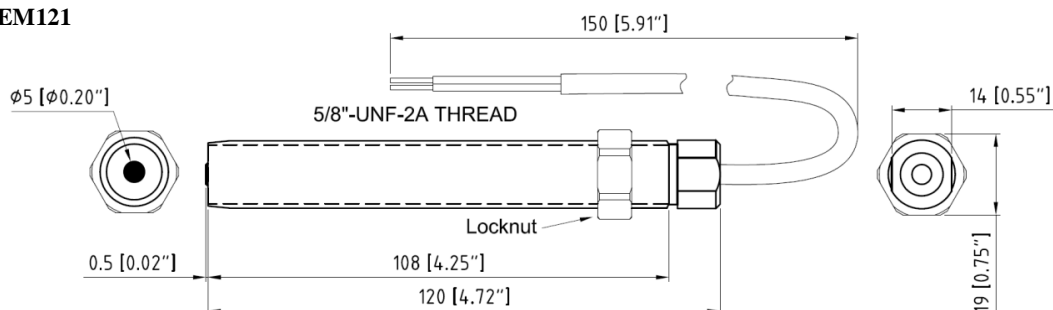


Mechanical Specifications (Unit : mm[inch])

TYPE : EM81



TYPE : EM121



Installation Reference (Unit : mm[inch])

