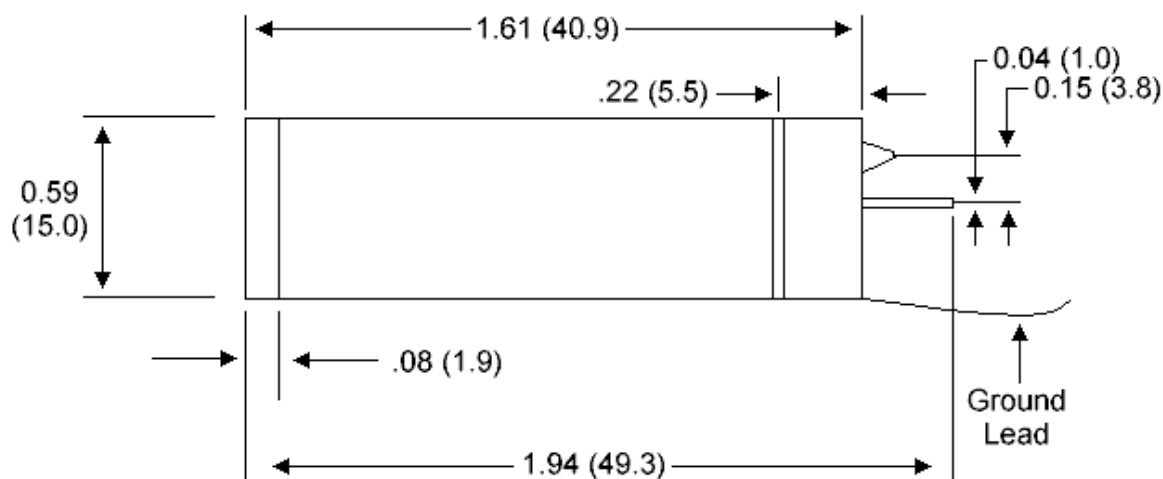


[Sensors](#)

Geiger Muller Tube Specifications



Electrical Characteristics

Maximum Starting Volatage (volts)	325
Recommended Operating Voltage (volts)	500
Operating Voltage (volts)	450 - 650
Minimum Dead Time (u sec)	90
Maximum Plateau Slope (% / 100 volts)	6
Recommended Anode Resistor (M ohms)	10
Gamma Sensitivity Cs ¹³⁷ (cps / mR / hr)	18
Max. Background Shielded 50 mmpB = 3 mmAl (cpm)	10
Tube Capacitance (pF)	3
Weight (grams)	8.0

Mechanical Characteristics

Active Length (inch / mm)	1.53 / 39.0
Active Diameter (inch / mm)	0.354 / 9.0
Cathode Material	446 Stainless Steel
Cathode Wall Thickness (inch / mm)	0.010 / 0.25
Mica Window Areal Density (mg / cm ²)	1.5-2.0

Effective Window Diameter (inch / mm)

0.354 / 9.0

Fill Gas

Ne / Ar + Halogen

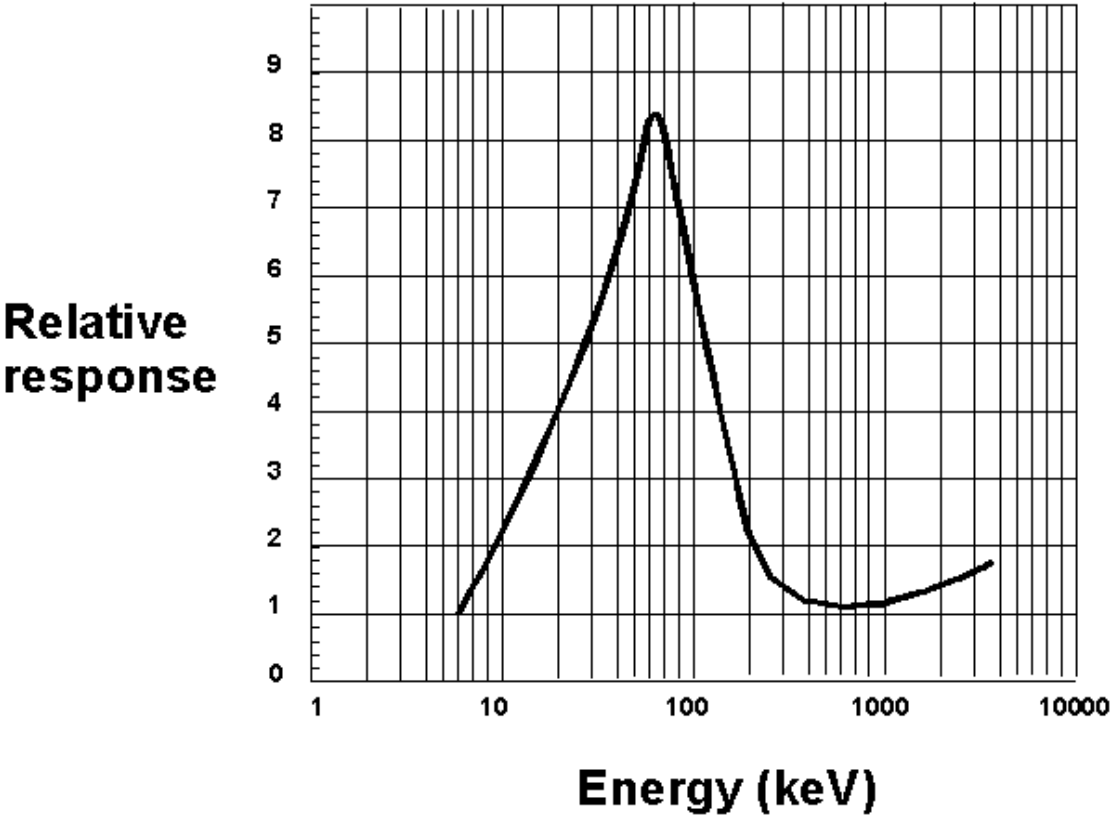
Operating Temperature Range (°C)

-40 to +75

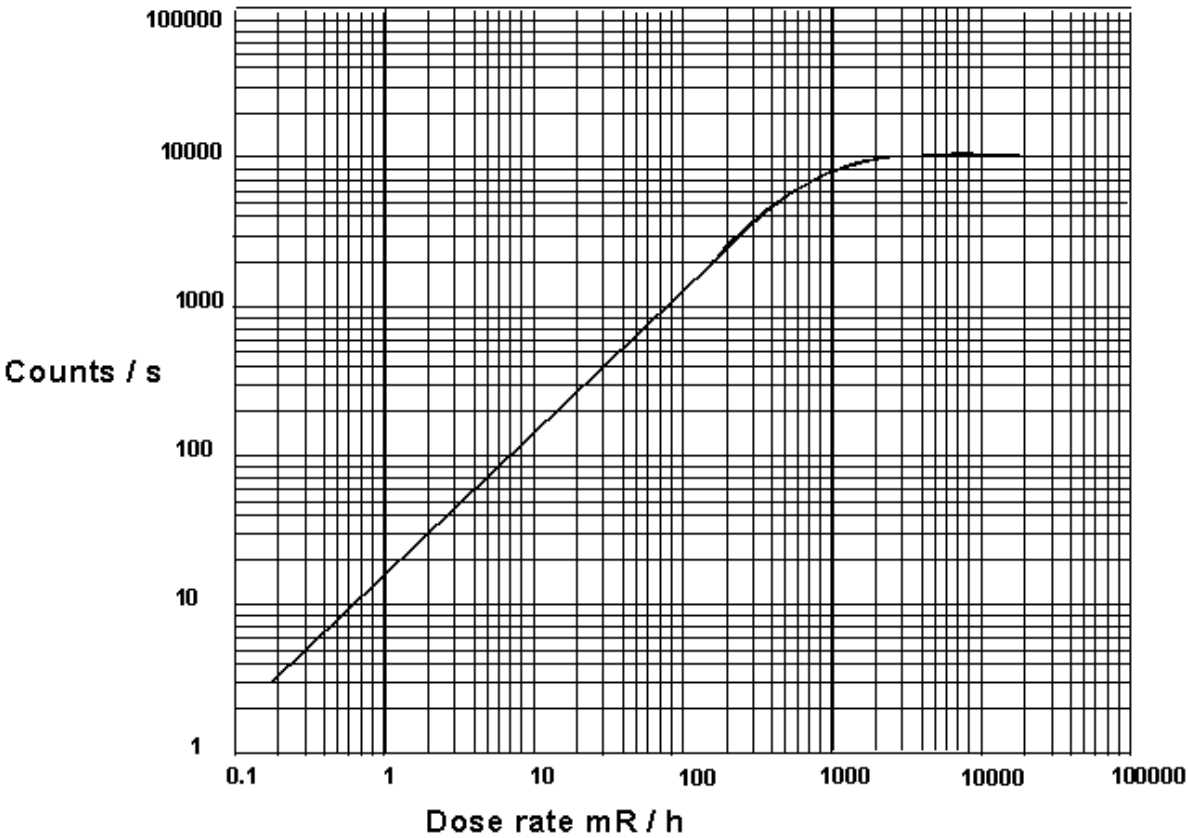
Type of Connector

Pin

Energy Response relative to Cs-137



Count rate vs. Dose rate (Cs-137)



[Back to Top](#)