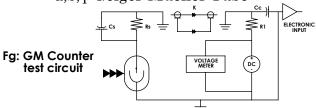
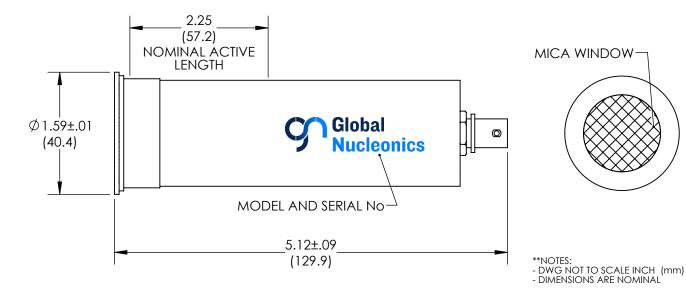
Global Nucleonics

PRODUCT SPECIFICATIONS GN210-BNC

Mica Window Halogen-Quenched α,β,γ Geiger-Mueller Tube





ELECTRICAL CHARACTERISTICS

MAXIMUM STARTING VOLTAGE (volts)	850
RECOMMENDED OPERATING VOLTAGE (volts)	900
OPERATING VOLTAGE RANGE (volts)	850 - 1000
MAXIMUM DEAD TIME (μs)	150
MAXIMUM PLATEAU SLOPE (%/100 volts)	10
MINIMUM ANODE RESISTOR (MΩ)	1
RECOMMENDED ANODE RESISTOR (MΩ)	3.3
GAMMA SENSITIVITY Cs ¹³⁷ (cps/mR/hr)	40
MAX. BACKGROUND SHIELDED 50mmPb+3mmAl (cpm)	50
TUBE CAPACITANCE (pF)	5

MECHANICAL CHARACTERISTICS

NOMINAL ACTIVE LENGTH (inch/mm)	2.25 / 57.2
WINDOW THICKNESS (mg/cm ²)	1.8 to 2.2 , MICA
ACTIVE DIAMETER (inch/mm)	1.13 / 28.7
CATHODE MATERIAL	Cr - Fe
CATHODE WALL THICKNESS (inch/mm)	0.060 / 1.52
OPERATING TEMPERATURE RANGE (°C)	-20 to 50 ° C
FILL GAS	Ne/Ar + HALOGEN
TYPE OF CONNECTOR	BNC
APPROX. WEIGHT (grams)	150
MAXIMUM ALTITUDE (ft)	8000