

72513

Thin wall beta-gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	8.31/211.1
MAXIMUM DIAMETER (INCH/MM)	1.37/35.0
GAS FILLING	He + (CH ₃) ₃ CH
EFFECTIVE LENGTH (INCH/MM)	5.5/140.0
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.75/19.0
CONNECTOR	8 Pin Octal Base
OPERATING TEMPERATURE RANGE °C	0 to +40

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1200
RECOMMENDED ANODE RESISTOR (MEG OHM)	1
OPERATING VOLTAGE RANGE (VOLTS)	1100 - 1400

MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	3
MINIMUM DEAD TIME (MICRO SEC)	150
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	90
TUBE CAPACITANCE (PF)	4
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	75
MAXIMUM STARTING VOLTAGE (VOLTS)	1000

WALL SPECIFICATIONS

THICKNESS (INCH/MM)	0.003/0.076
AREAL DENSITY (MG/CM ²)	40-60



