

71917

Thin wall beta-gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	10.25/260.4
MAXIMUM DIAMETER (INCH/MM)	0.63/16.0
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	9.0/228.6
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.61/15.5
CONNECTOR	Solder Clip
OPERATING TEMPERATURE RANGE °C	-40 to +75

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
RECOMMENDED ANODE RESISTOR (MEG OHM)	4.7
OPERATING VOLTAGE RANGE (VOLTS)	450 - 650

MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	10
MINIMUM DEAD TIME (MICRO SEC)	100
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	90
TUBE CAPACITANCE (PF)	4
WEIGHT (GRAMS)	26
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	75
MAXIMUM STARTING VOLTAGE (VOLTS)	375

WALL SPECIFICATIONS

THICKNESS (INCH/MM)	0.003/0.076
AREAL DENSITY (MG/CM²)	40-60



