

72610

Thin wall gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	1.96/49.8
MAXIMUM DIAMETER (INCH/MM)	0.34/8.7
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	0.25/6.4
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.29/7.4
CONNECTOR	Grid Cap
OPERATING TEMPERATURE RANGE °C	-55 to +75

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	700
RECOMMENDED ANODE RESISTOR (MEG OHM)	1
OPERATING VOLTAGE RANGE (VOLTS)	660 - 850

MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	20
MINIMUM DEAD TIME (MICRO SEC)	45
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	3.5
TUBE CAPACITANCE (PF)	3
WEIGHT (GRAMS)	10
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	10
MAXIMUM STARTING VOLTAGE (VOLTS)	640

WALL SPECIFICATIONS

THICKNESS (INCH/MM)	0.02/0.51
AREAL DENSITY (MG/CM ²)	400



