

74330

High temperature gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	8.88/225.5
MAXIMUM DIAMETER (INCH/MM)	1.05/26.7
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	5.81/147.6
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.61/15.5
CONNECTOR	2 Pin
OPERATING TEMPERATURE RANGE °C	-40 to +150

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	700
RECOMMENDED ANODE RESISTOR (MEG OHM)	10
OPERATING VOLTAGE RANGE (VOLTS)	650 - 800

MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	10
MINIMUM DEAD TIME (MICRO SEC)	75
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	60
TUBE CAPACITANCE (PF)	3
WEIGHT (GRAMS)	30
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	50
MAXIMUM STARTING VOLTAGE (VOLTS)	600
MINIMUM ANODE RESISTOR (MEG OHM)	3.3





