

72531

High temperature platinum plated gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	6.83/173.5
MAXIMUM DIAMETER (INCH/MM)	0.75/19.1
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	5.10/129.5
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.73/18.4
CONNECTOR	LEMO COAX
OPERATING TEMPERATURE RANGE °C	-55 to +100

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	900
RECOMMENDED ANODE RESISTOR (MEG OHM)	4.7
OPERATING VOLTAGE RANGE (VOLTS)	850 - 1200

MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	8
MINIMUM DEAD TIME (MICRO SEC)	100
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	62
TUBE CAPACITANCE (PF)	3
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	50
MAXIMUM STARTING VOLTAGE (VOLTS)	775



