

71641

Gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	0.97/24.5
MAXIMUM DIAMETER (INCH/MM)	0.20/5.2
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	0.25/6.4
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.19/4.83
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-40 to +75

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
RECOMMENDED ANODE RESISTOR (MEG OHM)	10
OPERATING VOLTAGE RANGE (VOLTS)	475-600

MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	35
MINIMUM DEAD TIME (MICRO SEC)	13
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	0.2
TUBE CAPACITANCE (PF)	3
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	1
MAXIMUM STARTING VOLTAGE (VOLTS)	450
MINIMUM ANODE RESISTOR (MEG OHM)	3.3





