

714

Gamma detector



GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	1.34/33.9
MAXIMUM DIAMETER (INCH/MM)	0.20/5.2
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	0.63/15.9
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.19/4.83
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-10 to +75

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
RECOMMENDED ANODE RESISTOR (MEG OHM)	3.3
OPERATING VOLTAGE RANGE (VOLTS)	450 - 650
MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	15
MINIMUM DEAD TIME (MICRO SEC)	20
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	1.5
TUBE CAPACITANCE (PF)	3
WEIGHT (GRAMS)	0.8
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	2
MAXIMUM STARTING VOLTAGE (VOLTS)	380
MINIMUM ANODE RESISTOR (MEG OHM)	2.2









