

7149

Energy compensated gm detector



GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	1.26/32.1
MAXIMUM DIAMETER (INCH/MM)	0.38/9.7
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)	15
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	1.5
TUBE CAPACITANCE (PF)	3
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	2
MAXIMUM STARTING VOLTAGE (VOLTS)	380
MINIMUM ANODE RESISTOR (MEG OHM)	2.2

FILTER SPECIFICATIONS

MATERIAL	Sn
THICKNESS (INCH/MM)	0.08/2.0

WALL SPECIFICATIONS

THICKNESS (INCH/MM)	0.005/0.13
AREAL DENSITY (MG/CM²)	100







