

7807

Energy compensated gm detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	10.62/269.7
MAXIMUM DIAMETER (INCH/MM)	1.04/26.4
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	9.45/240
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.786/20.0
CONNECTOR	Flying Lead
OPERATING TEMPERATURE RANGE °C	-40 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)	210
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	160
TUBE CAPACITANCE (PF)	8
WEIGHT (GRAMS)	350
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	90
MAXIMUM STARTING VOLTAGE (VOLTS)	400
MINIMUM ANODE RESISTOR (MEG OHM)	2.7

FILTER SPECIFICATIONS

MATERIAL	Sn
THICKNESS (INCH/MM)	0.093/2.36

WALL SPECIFICATIONS

THICKNESS (INCH/MM)	0.012/.305
AREAL DENSITY (MG/CM ²)	252







