

7165

Energy compensated gm detector



GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	1.1/26.9
MAXIMUM DIAMETER (INCH/MM)	0.53/13.5
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	0.25/6.35
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)	30
MINIMUM DEAD TIME (MICRO SEC)	13
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	0.26
TUBE CAPACITANCE (PF)	2
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	1
MAXIMUM STARTING VOLTAGE (VOLTS)	380
MINIMUM ANODE RESISTOR (MEG OHM)	2.2

FILTER SPECIFICATIONS

MATERIAL	Sn
THICKNESS (INCH/MM)	0.15/3.81

WALL SPECIFICATIONS

THICKNESS (INCH/MM)	0.005/0.13
AREAL DENSITY (MG/CM ²)	100







