



OCEANSIDE, NEW YORK, USA



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7128

Energy compensated gm detector



GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	2.0/50.8
MAXIMUM DIAMETER (INCH/MM)	0.74/18.7

GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	1.5/38.1
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-10 to +75

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
RECOMMENDED ANODE RESISTOR (MEG OHM)	4.7
OPERATING VOLTAGE RANGE (VOLTS)	450 - 650
MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	6
MINIMUM DEAD TIME (MICRO SEC)	90
GAMMA SENSITIVITY Cs-137 (CPS/mR/HR)	18
TUBE CAPACITANCE (PF)	3
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	10
MAXIMUM STARTING VOLTAGE (VOLTS)	350

FILTER SPECIFICATIONS

MATERIAL	Sn
THICKNESS (INCH/MM)	0.08/2.0

WALL SPECIFICATIONS

THICKNESS (INCH/MM)	0.012/0.30
AREAL DENSITY (MG/CM²)	216







