

# 71215

Energy compensated gm detector



## GENERAL SPECIFICATIONS

<b>MAXIMUM LENGTH (INCH/MM)</b>	1.82/46.2
<b>MAXIMUM DIAMETER (INCH/MM)</b>	0.75/19.1
<b>GAS FILLING</b>	Ne +Halogen
<b>EFFECTIVE LENGTH (INCH/MM)</b>	1.5/38.1
<b>CATHODE MATERIAL (INTERNAL/EXTERNAL)</b>	446 Stainless Steel
<b>EFFECTIVE DIAMETER (INCH/MM)</b>	0.56/14.2
<b>CONNECTOR</b>	Pin
<b>OPERATING TEMPERATURE RANGE °C</b>	-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 CO60 (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/CM <sup>2</sup> )	216



