
7128 Energy Compensated Gm Detector

GENERAL SPECIFICATIONS

Gas filling	Ne +Halogen
Cathode material	446 Stainless Steel
Maximum length (inch/mm)	2.0/50.8
Effective length (inch/mm)	1.5/38.1
Maximum diameter (inch/mm)	0.74/18.7
Effective diameter (inch)	
Connector	Pin
Operating temperature range °C	-40 to +75

ELECTRICAL SPECIFICATIONS

Recommended anode resistor (meg ohm)	4.7
Maximum starting voltage (volts)	350
Recommended operating voltage (volts)	500
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
Weight (grams)	
Maximum background shielded 50mm Pb + 3mm Al (cpm)	10

FILTER SPECIFICATIONS

Material	Sn
Thickness (inch/mm)	0.08/2.0

WALL SPECIFICATIONS

Areal density (mg/cm ²)	216
Thickness (inch/mm)	0.012/0.30



