

7165 Energy Compensated Gm Detector***GENERAL SPECIFICATIONS***

Gas filling	Ne +Halogen
Cathode material	446 Stainless Steel
Maximum length (inch/mm)	1.1/26.9
Effective length (inch/mm)	0.25/6.35
Maximum diameter (inch/mm)	0.53/13.5
Effective diameter (inch/mm)	0.19/4.83
Connector	Pin
Operating temperature range °C	-40 to +75

ELECTRICAL SPECIFICATIONS

Recommended anode resistor (meg ohm)	3.3
Maximum starting voltage (volts)	380
Recommended operating voltage (volts)	500
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
Weight (grams)	
Maximum background shielded 50mm Pb + 3mm Al (cpm)	1
Minimum anode resistor (meg ohm)	2.2

FILTER SPECIFICATIONS

Material	Sn
Thickness (inch/mm)	0.15/3.81

WALL SPECIFICATIONS

Areal density (mg/cm ²)	100
Thickness (inch/mm)	0.005/0.13





