

71322 Energy Compensated GM Detector**GENERAL SPECIFICATIONS**

Gas filling Ne +Halogen
 Cathode material 446 Stainless Steel
 Maximum length (inch/mm) 1.79/45.4
 Effective length (inch/mm) 1.1/27.9
 Maximum diameter (inch/mm) 0.48/12.2
 Effective diameter (inch/mm) 0.308/7.82
 Connector Pin
 Operating temperature range °C -40 to +75

ELECTRICAL SPECIFICATIONS

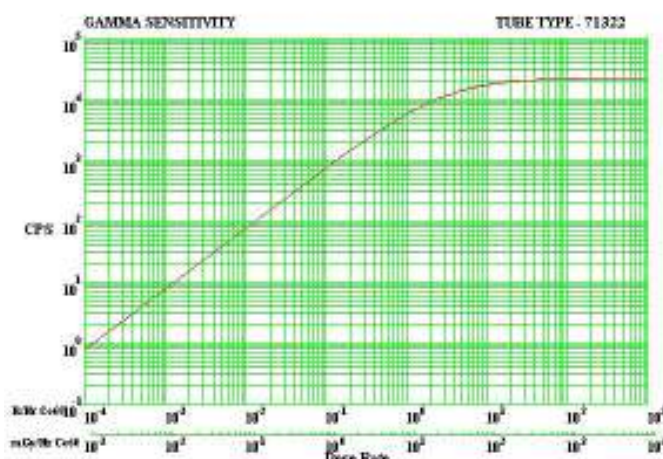
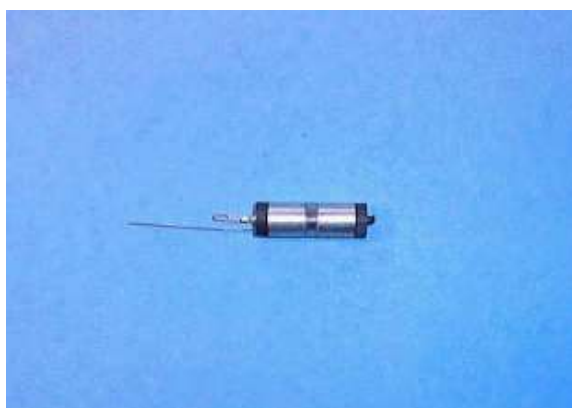
Recommended anode resistor (meg ohm) 3.3
 Maximum starting voltage (volts) 380
 Recommended operating voltage (volts) 500
 Operating voltage range (volts) 450 - 650
 Maximum plateau slope (%/100 volts) 8
 Minimum dead time (micro sec) 45
 Gamma sensitivity Co60 (cps/mr/hr) 7.5
 Tube capacitance (pf) 3
 Weight (grams) 23.0
 Maximum background shielded 50mm
 Pb + 3mm
 Al (cpm) 4
 Minimum anode resistor (meg ohm) 2.2

FILTER SPECIFICATIONS

Material Sn
 Thickness (inch/mm) 0.08/2.0

WALL SPECIFICATIONS

Areal density (mg/cm²) 40
 Thickness (inch/mm) 0.002/0.05



ALRAD Instruments Ltd, Turnpike Road Industrial Estate, Newbury, Berkshire, RG14 2NS,
 Tel: 01635 30345, Fax No: 01635 32630, Email: sales@alrad.co.uk
 Web: www.alrad.co.uk