

72232

Ruggedized end window beta-gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	4.96/126.0
MAXIMUM DIAMETER (INCH/MM)	0.88/22.3
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	4.25/108.0
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.78/19.9
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-40 to +75

WINDOW SPECIFICATIONS

MATERIAL	Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.78/19.9
AREAL DENSITY (MG/CM²)	80.8

ELECTRICAL SPECIFICATIONS

MINIMUM ANODE RESISTOR (MEG OHM)	3.3
RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
RECOMMENDED ANODE RESISTOR (MEG OHM)	4.7
OPERATING VOLTAGE RANGE (VOLTS)	450 - 650
MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	10
MINIMUM DEAD TIME (MICRO SEC)	160
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	45
TUBE CAPACITANCE (PF)	3
WEIGHT (GRAMS)	60
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	20
MAXIMUM STARTING VOLTAGE (VOLTS)	350





