

52041

End window beta-gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	4.8/121.92
MAXIMUM DIAMETER (INCH/MM)	3.0/76.2
EFFECTIVE LENGTH (INCH/MM)	3.66/92.96
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
FILL GAS	Krypton
FILL PRESSURE (TORR)	1140
ANODE CONNECTOR	Threaded Pin
CATHODE CONNECTOR	Solder Pin
GUARD CONNECTOR	Solder Pin
STORAGE TEMPERATURE RANGE (°C)	-20 to +75
MINIMUM SHELF LIFE (YEARS)	2

WINDOW SPECIFICATIONS

MATERIAL	Aluminum
THICKNESS (INCH/MM)	.005/.127
EFFECTIVE DIAMETER (INCH/MM)	2.75/69.9

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
OPERATING TEMPERATURE RANGE °C	25 to 85
MAXIMUM OPERATING VOLTAGE (VOLTS)	1500
GAMMA SENSITIVITY (A/R/HR - CO60)	1.3E-10
RESISTANCE - SIGNAL ELECTRODE TO CATHODE (OHMS)	>1.0E14
RESISTANCE - HV ELECTRODE TO CATHODE (OHMS)	>1.0E12

