

52036

End window beta-gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	3.48/88.39
MAXIMUM DIAMETER (INCH/MM)	4.5/114.3
EFFECTIVE LENGTH (INCH/MM)	2.5/63.5
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
FILL GAS	Krypton
FILL PRESSURE (TORR)	1637
ANODE CONNECTOR	Threaded Pin
CATHODE CONNECTOR	Solder Pin
GUARD CONNECTOR	Flying Lead
STORAGE TEMPERATURE RANGE (°C)	-20 to +75
MINIMUM SHELF LIFE (YEARS)	2

WINDOW SPECIFICATIONS

MATERIAL	Stainless Steel
THICKNESS (INCH/MM)	0.001/0.025
EFFECTIVE DIAMETER (INCH/MM)	4.0/101.6

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
OPERATING TEMPERATURE RANGE °C	25 to 85
MAXIMUM OPERATING VOLTAGE (VOLTS)	800
GAMMA SENSITIVITY (A/R/HR - CO60)	2.5E-10
RESISTANCE - SIGNAL ELECTRODE TO CATHODE (OHMS)	>1.0E13
RESISTANCE - HV ELECTRODE TO CATHODE (OHMS)	>1.0E13

