

52096

End window beta/gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	4.69/119.13
MAXIMUM DIAMETER (INCH/MM)	4.50/114.3
EFFECTIVE LENGTH (INCH/MM)	3.84/97.6
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
FILL GAS	Argon
FILL PRESSURE (TORR)	930
ANODE CONNECTOR	Threaded Pin
CATHODE CONNECTOR	Solder Pin
GUARD CONNECTOR	Solder Pin
STORAGE TEMPERATURE RANGE (°C)	-40 to +100
MINIMUM SHELF LIFE (YEARS)	2

WINDOW SPECIFICATIONS

MATERIAL	Stainless Steel
THICKNESS (INCH/MM)	0.001 / 0.025
EFFECTIVE DIAMETER (INCH/MM)	4.13/105.0

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)	1.3E-10
RESISTANCE - SIGNAL ELECTRODE TO GUARD (OHMS)	>1.0E13
RESISTANCE - CATHODE TO GUARD (OHMS)	>1.0E12