

52064

End window gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	8.51/216.15
MAXIMUM DIAMETER (INCH/MM)	8.5/215.9
EFFECTIVE LENGTH (INCH/MM)	6.0/152.4
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
FILL GAS	Krypton
FILL PRESSURE (TORR)	760
ANODE CONNECTOR	MHV
CATHODE CONNECTOR	MHV
GUARD CONNECTOR	N/A
STORAGE TEMPERATURE RANGE (°C)	-20 to +75
OUTER CASING MATERIAL	Aluminum
MINIMUM SHELF LIFE (YEARS)	2

WINDOW SPECIFICATIONS

MATERIAL	Aluminum
THICKNESS (INCH/MM)	0.02/0.5
EFFECTIVE DIAMETER (INCH/MM)	8.0/203.2

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
MAXIMUM OPERATING VOLTAGE (VOLTS)	1000
OPERATING TEMPERATURE RANGE °C	25 to 85
GAMMA SENSITIVITY (A/R/HR - CO60)	1.1E-9
RESISTANCE - HV ELECTRODE TO CATHODE (OHMS)	>1.0E9
RESISTANCE - SIGNAL ELECTRODE TO CATHODE (OHMS)	>1.0E13

