

52063

End window gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	4.62/117.35
MAXIMUM DIAMETER (INCH/MM)	4.25/107.95
EFFECTIVE LENGTH (INCH/MM)	3.38/85.85
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
FILL GAS	Krypton
FILL PRESSURE (TORR)	760
ANODE CONNECTOR	MHV
CATHODE CONNECTOR	N/A
GUARD CONNECTOR	MHV
STORAGE TEMPERATURE RANGE (°C)	-20 to +75
MINIMUM SHELF LIFE (YEARS)	2
OUTER CASING MATERIAL	Aluminum

WINDOW SPECIFICATIONS

MATERIAL	Aluminum
THICKNESS (INCH/MM)	0.02/0.5
EFFECTIVE DIAMETER (INCH/MM)	4.0/101.6

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)	1.6E-10
RESISTANCE - SIGNAL ELECTRODE TO CATHODE (OHMS)	>1.0E13
RESISTANCE - HV ELECTRODE TO CATHODE (OHMS)	>1.0E9

