

# 45152

Beryllium side window proportional counter

## GENERAL SPECIFICATIONS

<b>MAXIMUM LENGTH (INCH/MM)</b>	7.02/178.4
<b>MAXIMUM DIAMETER (INCH/MM)</b>	1.81/45.97
<b>GAS FILLING</b>	Neon / Argon
<b>EFFECTIVE LENGTH (INCH/MM)</b>	4.5/114.3
<b>CATHODE MATERIAL (INTERNAL/EXTERNAL)</b>	Aluminum
<b>EFFECTIVE DIAMETER (INCH/MM)</b>	1.69/42.9
<b>CONNECTOR</b>	MHV
<b>OPERATING TEMPERATURE RANGE °C</b>	-40 to +75
<b>GAS PRESSURE (TORR)</b>	800

## WINDOW SPECIFICATIONS

<b>MATERIAL</b>	Beryllium
<b>THICKNESS (INCH/MM)</b>	0.001 / 0.025

AREAL DENSITY (MG/CM <sup>2</sup> )	4.6
DIAMETER (INCH/MM)	0.5/12.7

## ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	650
OPERATING VOLTAGE RANGE (VOLTS)	500 - 850
CAPACITANCE (PF)	3
TYPICAL RESOLUTION (FWHM FE55)	12 - 14

