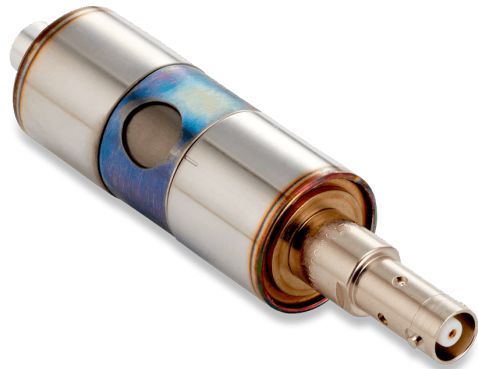


# 456132

Beryllium side window proportional counter



## GENERAL SPECIFICATIONS

<b>MAXIMUM LENGTH (INCH/MM)</b>	4.30/109.2
<b>MAXIMUM DIAMETER (INCH/MM)</b>	1.0/25.4
<b>GAS FILLING</b>	Xenon
<b>EFFECTIVE LENGTH (INCH/MM)</b>	1.40/35.6
<b>CATHODE MATERIAL (INTERNAL/EXTERNAL)</b>	Stainless Steel
<b>EFFECTIVE DIAMETER (INCH/MM)</b>	0.87/22.1
<b>CONNECTOR</b>	MHV
<b>OPERATING TEMPERATURE RANGE °C</b>	-40 to +75

GAS PRESSURE (TORR)	800
PATH LENGTH (INCH/MM)	0.87/22.1

## WINDOW SPECIFICATIONS

MATERIAL	Beryllium
THICKNESS (INCH/MM)	0.001 / 0.025
AREAL DENSITY (MG/CM <sup>2</sup> )	4.6
DIAMETER (INCH/MM)	0.45/11.4

## ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1900
OPERATING VOLTAGE RANGE (VOLTS)	1800 - 2050
CAPACITANCE (PF)	3
TYPICAL RESOLUTION (FWHM FE55)	20

