

# 45641

Side window proportional counter

## GENERAL SPECIFICATIONS

<b>MAXIMUM LENGTH (INCH/MM)</b>	2.5/63.6
<b>MAXIMUM DIAMETER (INCH/MM)</b>	1.25/3.18
<b>GAS FILLING</b>	Argon
<b>EFFECTIVE LENGTH (INCH/MM)</b>	1.0/25.4
<b>CATHODE MATERIAL (INTERNAL/EXTERNAL)</b>	Aluminum
<b>EFFECTIVE DIAMETER (INCH/MM)</b>	0.87/22.2
<b>CONNECTOR</b>	Pin
<b>OPERATING TEMPERATURE RANGE °C</b>	-40 to +75
<b>GAS PRESSURE (TORR)</b>	800
<b>PATH LENGTH (INCH/MM)</b>	0.75/19.05

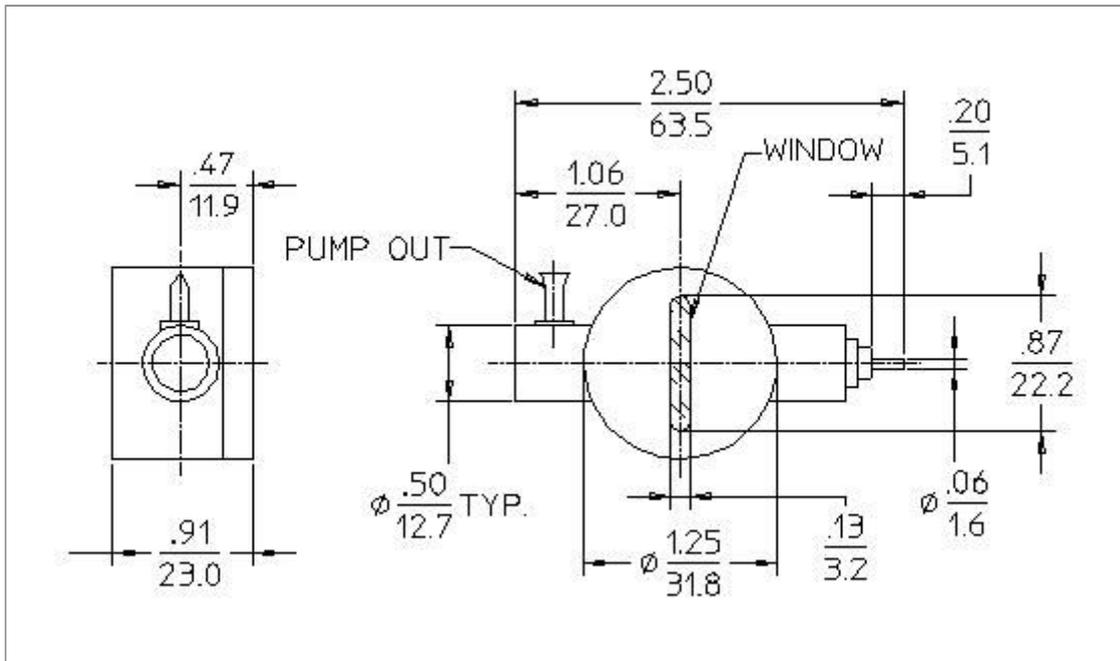
## WINDOW SPECIFICATIONS

<b>MATERIAL</b>	Beryllium
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THICKNESS (INCH/MM)	0.001/0.025
AREAL DENSITY (MG/CM <sup>2</sup> )	4.6
DIMENSIONS (INCH/MM)	0.13/3.2 X 0.87

## ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1600
OPERATING VOLTAGE RANGE (VOLTS)	1500 - 1750
CAPACITANCE (PF)	3
TYPICAL RESOLUTION (FWHM FE55)	20



LND 45641 SIDE WINDOW P.C.

