

# 4031

Beryllium end window proportional counter

## GENERAL SPECIFICATIONS

<b>MAXIMUM LENGTH (INCH/MM)</b>	2.5/63.5
<b>MAXIMUM DIAMETER (INCH/MM)</b>	1.31/33.27
<b>GAS FILLING</b>	Argon
<b>EFFECTIVE LENGTH (INCH/MM)</b>	0.50/12.7
<b>CATHODE MATERIAL (INTERNAL/EXTERNAL)</b>	Stainless Steel
<b>EFFECTIVE DIAMETER (INCH/MM)</b>	1.0/25.4
<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>	0.50/12.7

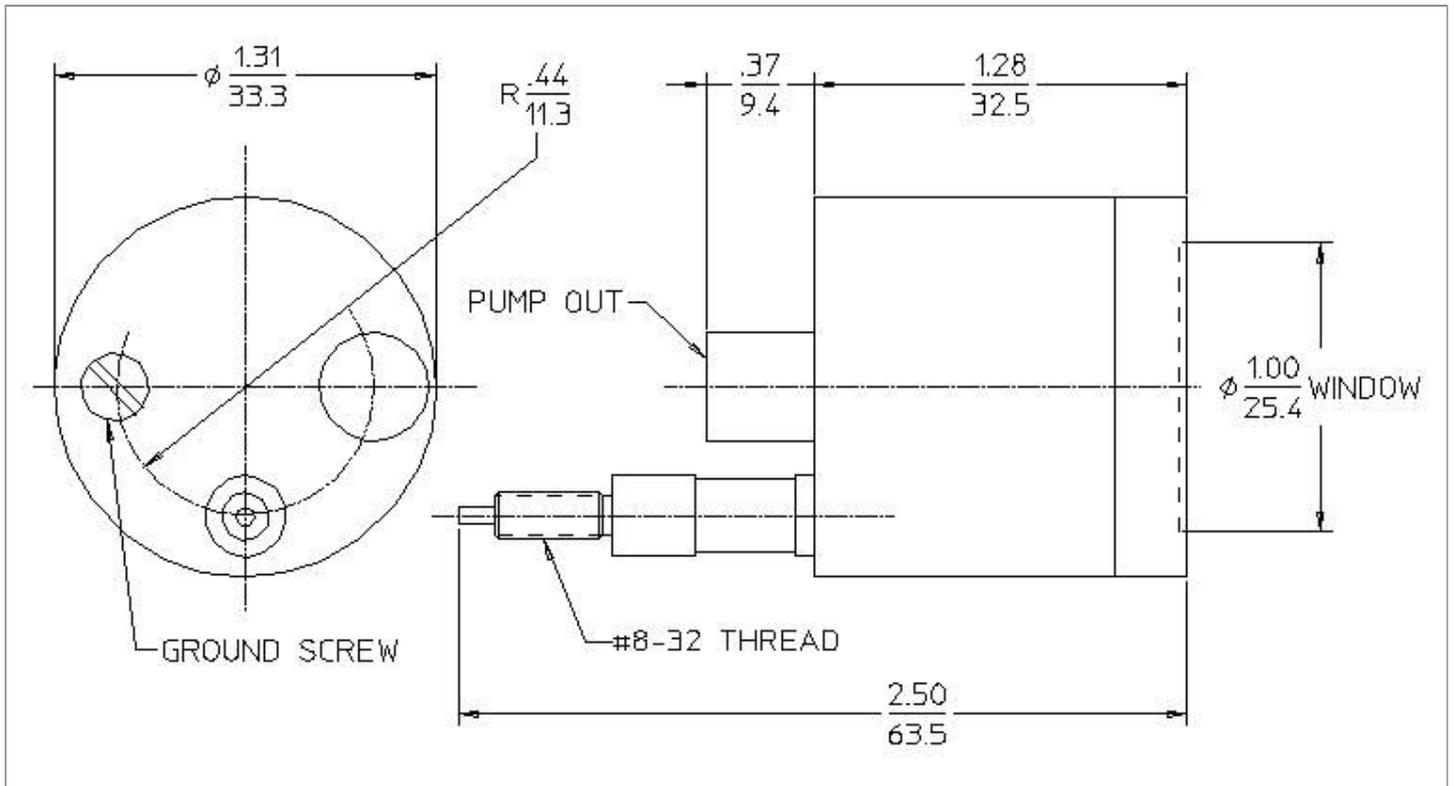
## WINDOW SPECIFICATIONS

<b>MATERIAL</b>	Beryllium
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THICKNESS (INCH/MM)	0.002/0.05
AREAL DENSITY (MG/CM <sup>2</sup> )	9.2
DIAMETER (INCH/MM)	1.0/25.4

## ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1600
OPERATING VOLTAGE RANGE (VOLTS)	1500 - 1750
CAPACITANCE (PF)	2
TYPICAL RESOLUTION (FWHM FE55)	20



LND 4031 BERYLLIUM END WINDOW P.C.

