

# 49522

Large volume beryllium window gas sampling proportional counters

## GENERAL SPECIFICATIONS

<b>MAXIMUM LENGTH (INCH/MM)</b>	9.86/250.4
<b>MAXIMUM DIAMETER (INCH/MM)</b>	2.0/50.8
<b>CATHODE MATERIAL (INTERNAL/EXTERNAL)</b>	OFHC Copper
<b>CONNECTOR</b>	MHV
<b>OPERATING TEMPERATURE RANGE °C</b>	-50 to +100
<b>TEST GAS FILLING</b>	Ar + CH <sub>4</sub>
<b>ACTIVE VOLUME (ML)</b>	300

## WINDOW SPECIFICATIONS

<b>MATERIAL</b>	Be
<b>AREAL DENSITY (MG/CM<sup>2</sup>)</b>	9.3
<b>DIAMETER (INCH/MM)</b>	0.25/6.35

## ELECTRICAL SPECIFICATIONS

<b>MAXIMUM PLATEAU SLOPE (%/100 VOLTS)</b>	2
<b>MINIMUM PLATEAU LENGTH (VOLTS)</b>	300

