

49520

Low background alpha- beta – gamma flow proportional counter

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	3.72/94.5
MAXIMUM DIAMETER (INCH/MM)	2.25/57.2
GAS FILLING	P10 (Flow)
EFFECTIVE LENGTH (INCH/MM)	1.72/43.7
CATHODE MATERIAL (INTERNAL/EXTERNAL)	OFHC Copper
EFFECTIVE DIAMETER (INCH/MM)	1.25/31.8
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	0 to +50
PATH LENGTH (INCH/MM)	0.35/9.0

WINDOW SPECIFICATIONS

MATERIAL	Aluminized Mylar
AREAL DENSITY (MG/CM²)	0.2

DIAMETER (INCH/MM)	1.25/31.8
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ELECTRICAL SPECIFICATIONS

CAPACITANCE (PF)	3
BACKGROUND (ANTICOINCIDENCE +4 INCHES PB) (CPM)	1.0
OPERATING VOLTAGE RANGE - BETA/GAMMA (VOLTS)	1350 - 1600
OPERATING VOLTAGE RANGE - ALPHA (VOLTS)	900 - 1150
RECOMMENDED OPERATING VOLTAGE - ALPHA (VOLTS)	1000
RECOMMENDED OPERATING VOLTAGE - BETA/GAMMA (VOLTS)	1450

