

2232

Bf3 neutron beam monitor

GENERAL SPECIFICATIONS

CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
CONNECTOR	BNC
MAXIMUM WIDTH (INCH/MM)	8.0/203.2
MAXIMUM HEIGHT (INCH/MM)	10.08/256.0
MAXIMUM DEPTH (INCH/MM)	1.5/38.1
MAXIMUM OPERATING TEMPERATURE °C	80
SENSITIVE DIAMETER (INCH/MM)	6.0/152.4
PATH LENGTH (INCH/MM)	1.0/25.4
BF3 GAS PRESSURE (TORR)	1.7
ARGON GAS PRESSURE (TORR)	758.3

WINDOW SPECIFICATIONS

MATERIAL	Aluminum
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THICKNESS (INCH/MM)	0.08/2.0
EFFECTIVE DIAMETER (INCH/MM)	6.0/152.4

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	950
OPERATING VOLTAGE RANGE (VOLTS)	850 - 1100
THERMAL NEUTRON SENSITIVITY (CPS/NV)	0.063

