

2231

Bf3 neutron beam monitor

GENERAL SPECIFICATIONS

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|---------------------------------------------|------------|
| CATHODE MATERIAL (INTERNAL/EXTERNAL) | Aluminum |
| CONNECTOR | BNC |
| MAXIMUM WIDTH (INCH/MM) | 4.0/101.6 |
| MAXIMUM HEIGHT (INCH/MM) | 6.08/154.4 |
| MAXIMUM DEPTH (INCH/MM) | 1.5/38.1 |
| MAXIMUM OPERATING TEMPERATURE °C | 80 |
| SENSITIVE DIAMETER (INCH/MM) | 3.0/76.2 |
| PATH LENGTH (INCH/MM) | 1.0/25.4 |
| BF3 GAS PRESSURE (TORR) | 1.7 |
| ARGON GAS PRESSURE (TORR) | 758.3 |

WINDOW SPECIFICATIONS

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|-----------------|----------|
| MATERIAL | Aluminum |
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| THICKNESS (INCH/MM) | 0.1/2.0 |
| EFFECTIVE DIAMETER (INCH/MM) | 3.0/76.2 |

ELECTRICAL SPECIFICATIONS

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|---------------------------------------|------------|
| RECOMMENDED OPERATING VOLTAGE (VOLTS) | 1000 |
| OPERATING VOLTAGE RANGE (VOLTS) | 900 - 1150 |
| THERMAL NEUTRON SENSITIVITY (CPS/NV) | 0.01 |

