

LAr R&D Progress Report

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1/2/24



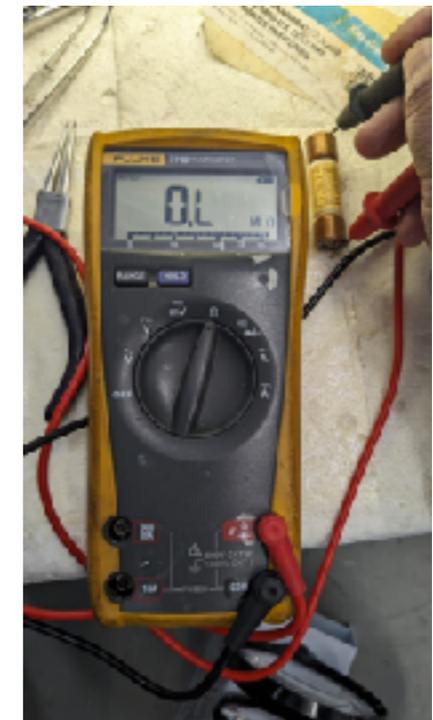
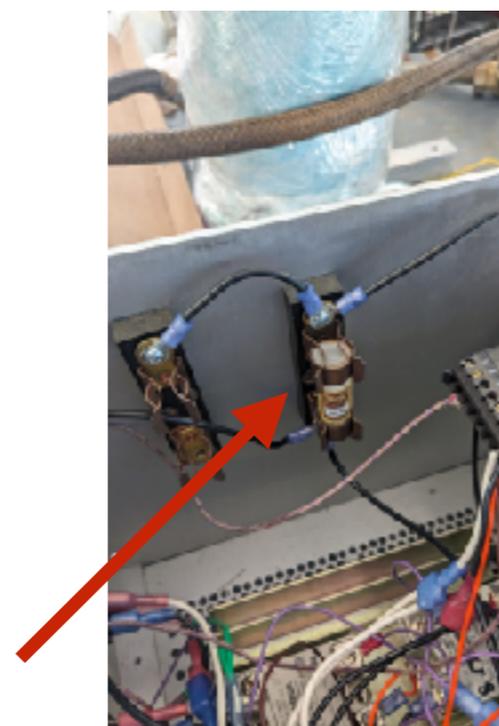
Lab Safety and Space Management

- Lab clean up
 - Lab cleaned up by the request from Achim
- ESR renewal
 - ESR draft is still in route for signatures
- Electrical Safety Updates
 - Add Volodya as the experimental-specific ECP for the robotic testing station



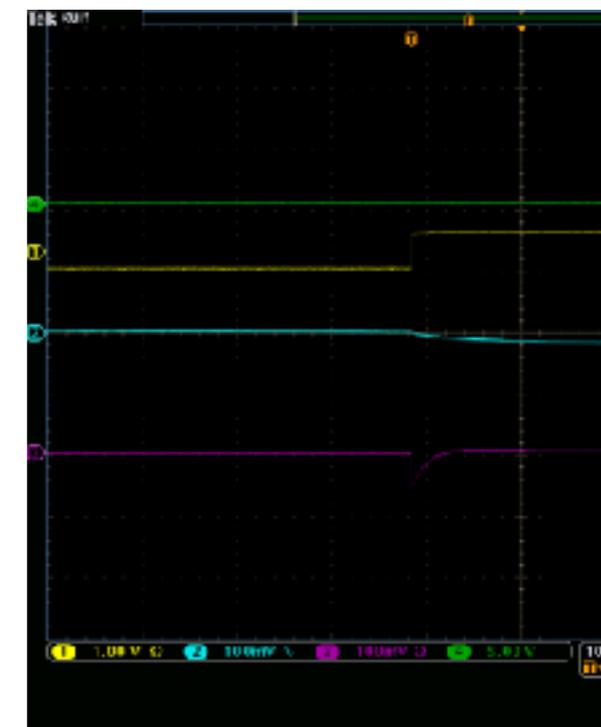
Preparation for the next purity run

- LAr Ordering
 - PO dispatched before Christmas, expected in 2 weeks, not yet delivered
 - Checking with the vendor for delivery time
- Reactivation of the inline filter and on-system filter
 - Plumbing was finished for the inline filter
 - One fuse on the heating tapes blew out during the pre-heating
 - Replacement ordered, arriving tomorrow
 - Expected to finish the filter activation this week



PrM Troubleshooting

- Checking the wire lead connections
- No obvious problems found on the connection
- One of the mechanical switches seems to be the problem with conductance between channels which are supposed to be isolated
- The repair needs full disassembly of the electronic box
- Decided to use the PrM with pulser calibration



Two switches in one module