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## Series SLX 130-MIS Operation and Maintenance

### Mounting

Mount the sensor as instructed in document 10003-0001 "Model SLX 130 Transducer Installation Instructions". To maintain the UL 913 Intrinsically safe rating, wire in accordance with control drawings 10211-0130 or 10211-1310 (as applicable).

### Calibration

The SLX 130-MIS Intrinsically Safe Submersible Level Transmitter is factory calibrated to a nominal 4-20 mADC output over the specified pressure range.

### Maintenance

The SLX has been designed for a minimum amount of maintenance. If there has been flooding of the enclosure that houses the sealed breather assembly or any associated electronics (e.g. intrinsically safe barrier) clean and dry the exterior of the enclosure before opening. Inspect and test the electronics for proper operation – if liquid has reached the electronics, it is recommended that the electronics be replaced; the integrity of the IS barrier may have been compromised.

Periodically inspect the transducer's mounting. Ensure that the cable is secured by at least two cable ties.

### Wiring

For proper operation, the intrinsically safe barrier requires that the transducer be connected (as shown on the wiring diagram) and that the current loop be intact.

### Troubleshooting

Proper operating voltages are as follows:

Test	Range	Notes
IS Barrier Voltage Input (MTL 7106) (Safe side)	+20-35 VDC Term 1 Common Term 3	
IS Barrier Voltage Output (MTL 7106) (Hazardous side)	+24 VDC Term 5 Common Term 4	Nominal
IS Barrier Current Output (MTL 7106) (Safe side)	+Output Term 2 Common Term 3	4-20 mADC nominal

If an elevated signal is being transmitted, inspect the transducer's mounting and the bottom of the sump to ensure that the transducer is not resting on the bottom of the sump.

### Specifications

Refer to the SLX 130 Sales Brochure (document 10175-0001) for general reference.