

# Push It, Test It, Trust It.



The MLS-Series magnetic level switch now features and optional built-in test function.

Simplify preventive maintenance with the push of a button



**FW MURPHY**  
PRODUCTION CONTROLS

FW Murphy designs and engineers superior products with the end-user in mind.

Knowing there is always a need to test out in the field, our new MLS-020 now features a built-in test function. This new option simplifies preventative maintenance procedures.

## MLS-SERIES SCRUBBER LEVEL SWITCH

### ADDITIONAL SCRUBBER LEVEL SOLUTIONS

**MLS-020** - Electric High Level Shutdown Switch  
**MLS-020-TF**  
**MLS-015**  
**MLS-015-TF**

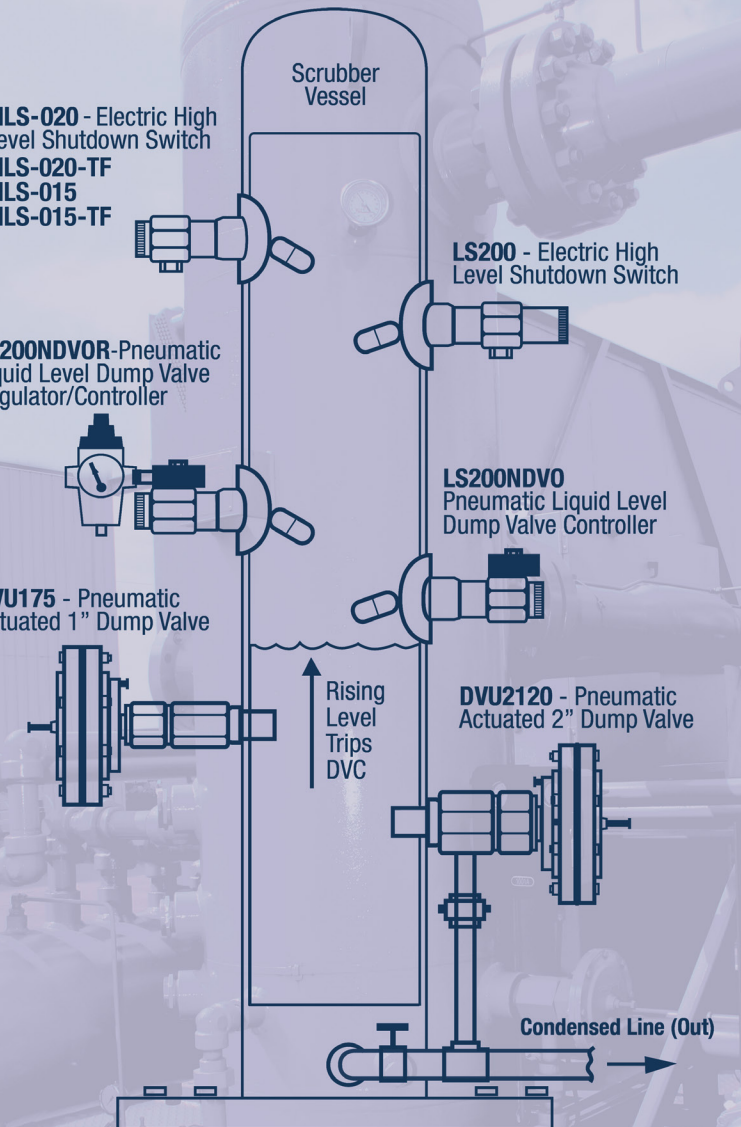
**LS200NDVOR** - Pneumatic Liquid Level Dump Valve Regulator/Controller

**DVU175** - Pneumatic Actuated 1" Dump Valve

**LS200** - Electric High Level Shutdown Switch

**LS200NDVO** - Pneumatic Liquid Level Dump Valve Controller

**DVU2120** - Pneumatic Actuated 2" Dump Valve



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PRODUCTION CONTROLS

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Our single-seal magnetic level switch features an impenetrable barrier between the process side and the electrical/switch side.

- No seals reduce fugitive emission leaks
- Terminal block wiring eliminates need for junction boxes
- Optional test feature for easy preventive maintenance testing

## TEST IT

THE TEST BUTTON ROTATES AND LIFTING THE FLOAT ASSEMBLY AND POSITIONS THE MAGNET TO TRIP THE SWITCH TESTING WIRING BACK TO THE PANEL

## PUSH IT

NO MORE REMOVING LIDS AND TWISTING MECHANISMS WITH PLIERS, POTENTIALLY DAMAGING THE ASSEMBLY, TO TEST THE FLOAT AND SWITCH

## TRUST IT

THE MLS CLEAN MAGNET DESIGN ALLOWS FOR RELIABLE TESTING IN THE FIELD WHILE PROVIDING PEACE-OF-MIND

FW Murphy MLS Series Liquid Level Switches are float activated to operate an electrical SPDT reed switch to signal dangerous high levels to an annunciator, controller or PLC. The MLS connects directly into the gas scrubber wall with a FW Murphy weld collar or FW Murphy external float chamber. Available in both 1 ½-inch and 2-inch NPT models, the MLS Series offers:

- Clean magnet design that virtually eliminates iron filing accumulation on the magnet.
- Seal-free construction.
- ANSI/ISA 12.27.01 compliant (Single Seal).
- Ability to operate in 0.50 specific gravity or heavier fluids.
- Specific design for harsh gas compressor scrubber applications. *Note: Not recommended for hydrogen gas applications.*
- 304 cast equivalent SS body and 304 SS float.
- Ratings for 2000 psi (13.8 MPa) [138 bar] working pressure.
- Ability to trip on rising and falling without rotating the body.

CSA C/US Class I, Div. 1, Grp. B, C & D location.

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