

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

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.

MLS-SERIES SCRUBBER LEVEL SWITCH

A close-up photograph of a metallic scrubber level switch. The device has a cylindrical body with a threaded section on the left and a red circular label on the right. The background is a blurred industrial setting with various pipes and machinery.

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



LS200 - Electric High Level Shutdown Switch



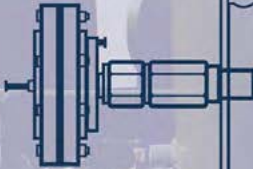
LS200NDVOR - Pneumatic Liquid Level Dump Valve Regulator/Controller



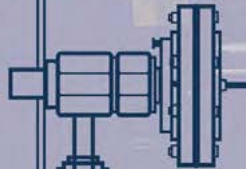
LS200NDVO - Pneumatic Liquid Level Dump Valve Controller



DVU175 - Pneumatic Actuated 1" Dump Valve

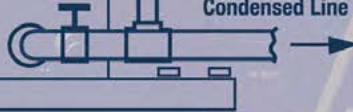


DVU2120 - Pneumatic Actuated 2" Dump Valve



Rising Level Trips DVC

Condensed Line (Out)



FW MURPHY
PRODUCTION CONTROLS



p: 918.957.1000 e: FWM-Sales@doverprecision.com

www.fwmurphy.com

1715005

rev. 07-24

PRINTED IN USA