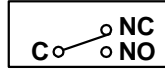


**SPECIFICATIONS**

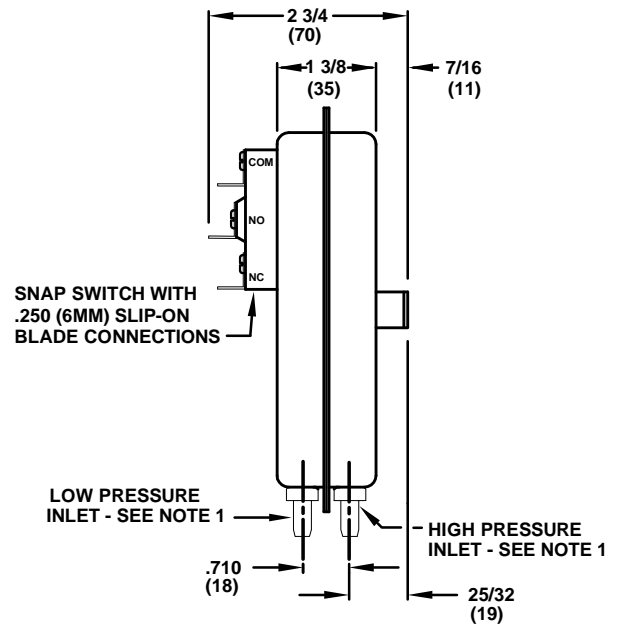
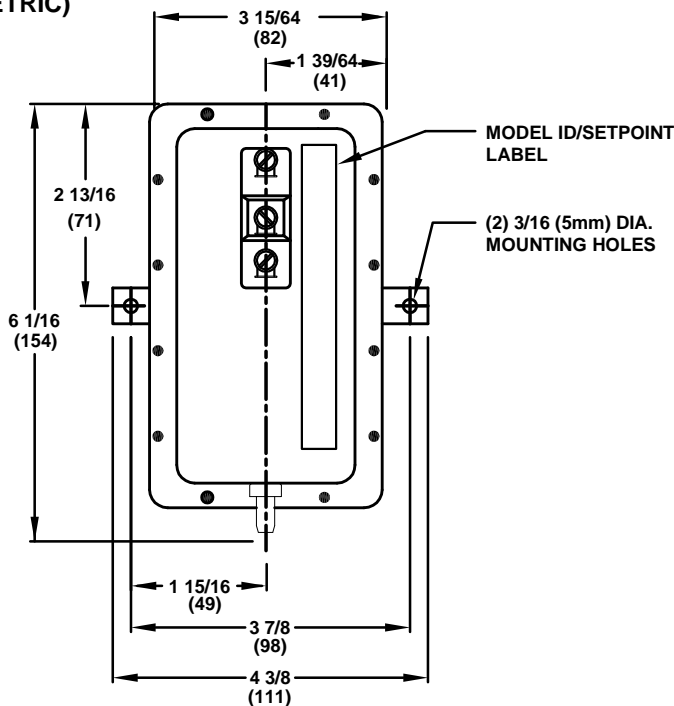
- 1.0 Mounting Position: Diaphragm Vertical (See Diag. Below).
- 2.0 Set Point: Non-adjustable.
- 2.1 Operate in Pressure Rise at  $0.05 \pm 0.02$  W.C.
- 2.2 Approximate Switching Differential:  $0.02 \pm 0.01$  W.C.
- 3.0 Measured Media: Air.
- 4.0 Operating Temperature Range:  $-40^{\circ}$  to  $180^{\circ}$ F ( $-40^{\circ}$  to  $82^{\circ}$ C).
- 5.0 Life: 100,000 Cycles Minimum at 1/2 PSI Maximum Pressure Each Cycle and at Maximum Rated Electrical Load.
- 6.0 Electrical Rating.
- 6.1 300VA Pilot Duty at 115 to 277VAC.
- 6.2 15A Non-inductive to 277VAC.
- 7.0 Contact Arrangement: SPDT.
- 7.1 Position of Switch Contacts Before Pressure is Applied.



**NOTE 1** 1/4" O.D. Connections - Suitable for Slipping on Flexible Plastic Tubing.

**NOTE 2** Approval or Recognition by: U.L. File No. MH6213  
C.S.A. File No. LR18754; Factory Mutual Systems.

**DIMENSIONS**  
INCHES  
(METRIC)



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**SENSING SWITCH SPECIFICATIONS**

**CLEVELAND CONTROLS MODEL: DFS-221**

E	3139	5/28/04	MJA	FL					
D	EC 273		KK	SD					
REV	DCN No.	DATE	BY	CHKD					
DRAWING RELEASE No.					THIS PRINT IS THE EXCLUSIVE PROPERTY OF CLEVELAND CONTROLS AND CANNOT BE REPRODUCED IN WHOLE OR IN PART OR ISSUED OR DISCLOSED TO THIRD PARTIES WITHOUT THE EXPRESS WRITTEN CONSENT OF CLEVELAND CONTROLS.				
DWN	MRG	DATE	8/1/80	CHKD	USED ON				
CHKD	BH	DATE	6/6/83	SCALE	SHEET 1 OF 1				
Cleveland Controls Division of UniControl Inc. 1111 Brookpark Rd. Cleveland, Ohio 44109-5825					A18407				
.XX = ±.015 .XXX = ±.005 ANGLES = °					E REV				