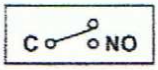
MODEL: NS2-1166-0X

MECHANICAL SPECIFICATIONS

1.0 Mounting Position: Vertical.
2.0 Set Point (Sealed): Factory Set, See Chart.
3.0 Measured Media: Air.
4.0 Operating Temperature Range: -40° to 190°F (-40° to 87.8 °C).
5.0 Life: 100,000 Cycles Minimum at UL 353 Test Parameters.
6.0 Overpressure: 14" W.C.
7.0 Sample Line Connection:
7.1 Straight Type for Use With 3/16" ID Flexible Rubber Tubing.

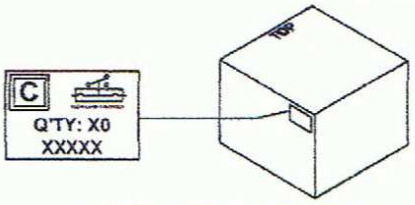
ELECTRICAL SPECIFICATIONS

8.0 Electrical Ratings:
8.1 Silver Contacts:
8.1.1 SPDT, SPST Electrical Load: 1/10 HP @ 120 to 277 VAC; 28VA Pilot Duty @ 24VAC; 125VA Pilot Duty @ 120 VAC.
8.1.2 SPST Electrical Load: 5 Amps Resistive @ 24, 120 to 277 VAC.
9.0 Terminal Connections:
9.1 1/4" X .032 Quick Connect Terminals.
10.0 Switching Action: Change Contact Position on Pressure Rise at Set Point.
11.0 Contact Arrangement: SPNO.
11.1 Position of Contacts Before Pressure is Applied: 

OTHER SPECIFICATIONS

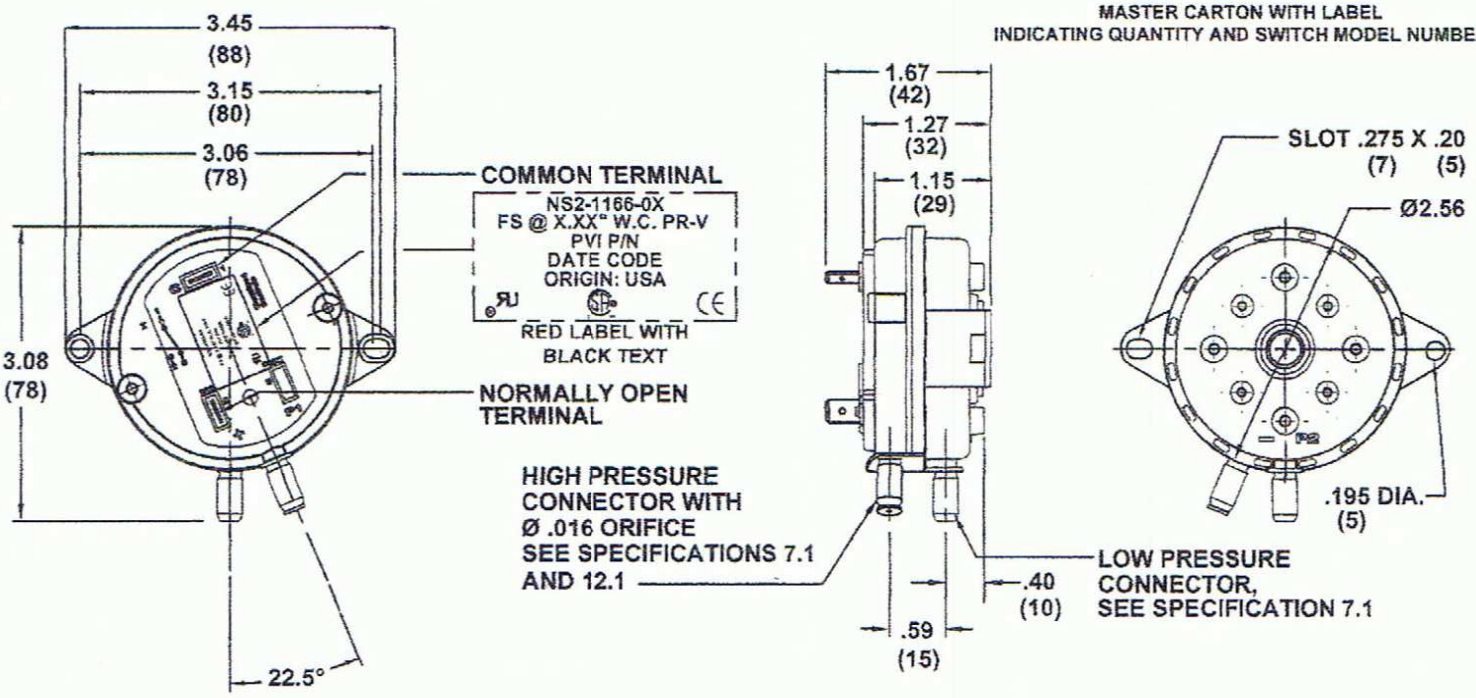
12.0 Options Included:
12.1 Ø .016 Orifice Restrictor, High Pressure Connector.
13.0 Agency Approvals: UL, CUL, CSA & CE.

CLEVELAND CONTROLS PART NO.	CUSTOMER PART NO.	LABEL COLOR	SET POINT
NS2-1166-00	115465	RED	1.50 ± .05" W.C. PR-V
NS2-1166-01	121444	GREEN	0.50 ± .05" W.C. PR-V



MASTER CARTON WITH LABEL
INDICATING QUANTITY AND SWITCH MODEL NUMBER

DIMENSIONS
INCHES
(METRIC)



CLEVELAND CONTROLS DIV. OF UNICONTROL INC. MAKES NO REPRESENTATION OR WARRANTY CONCERNING THE SUITABILITY OF THIS DEVICE FOR A SPECIFIC APPLICATION OR PRODUCT. IT IS THE RESPONSIBILITY OF THE USER TO VERIFY THE SUITABILITY OF THIS DEVICE FOR THE SPECIFIC APPLICATION. WHERE AN OPERATING CONTROL FAILURE WOULD RESULT IN PERSONAL INJURY AND/OR LOSS OF PROPERTY, IT IS THE RESPONSIBILITY OF THE USER TO ADD DEVICES OR SYSTEMS THAT PROTECT AGAINST, OR WARN OF, FAILURE OF THIS DEVICE.

REV	DCN No.	DATE	BY	CHKD
A	5173-1	9/25/12	MJA	

DRAWING RELEASE No. 5173

DWN	DATE	CHKD
MJA	8/26/10	
CHKD	DATE	SCALE
FL	8/26/10	1/2" = 1"

SENSING SWITCH SPECIFICATIONS
PVI P/N'S: 115465 & 121444

CLEVELAND CONTROLS MODEL: NS2-1166-00, -01

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Cleveland Controls Division of UniControl Inc.
1111 Brookpark Rd. Cleveland, Ohio 44109-5825

.XX = ±.015 .XXX = ±.005 ANGLES = ±1

USED ON | SHEET 1 OF 1

NS2116600 | A REV