STANDARD SPECIFICATIONS

MECHANICAL

BODY.....GLASS-FILLED POLYESTER
DIAPHRAGM.....SILICONE
TERMINALS.....COPPER ALLOY
CONTACTS.....9370 SILVER ALLOY
.....9371 GOLD ALLOY
ACTUATOR.....STAINLESS STEEL
SPRINGS.....STAINLESS STEEL, BECU
PORT OUTSIDE DIAMETER..... 0.250"
BLEED HOLE..... 0.016
.....CLOSED (OPTIONAL)
FLOW RESTRICTOR.....OPEN, .021, .035

FUNCTIONAL

OPERATING POSITION.....DIAPHRAGM VERTICAL
OPERATING TEMPERATURE.....-40°F to 185°F
.....-40°C to 85°C
PROOF PRESSURE.....2 PSIG (13.8 kPa) MAX
BURST PRESSURE.....3 PSIG (20.7 kPa) MAX

SET POINT TOLERANCES*

IN H2O (Pa) @ AMBIENT.....HYSTERESIS

+/- 0.05(12)
from 0.15(37)DEACT
0.20(50)ACT to 1.00(250)..... 0.04(10) to 0.14(35)

+/- 0.07(17)
from 1.01(251) to 1.50(375) ..... 0.04(10)to 0.20(50)

+/- 0.08(20)
from 1.51(376) to 2.00(498)..... 0.04(10)to 0.20(50)

*CONSULT FACTORY FOR
SET POINTS HIGHER THAN 2.01 (500 Pa)

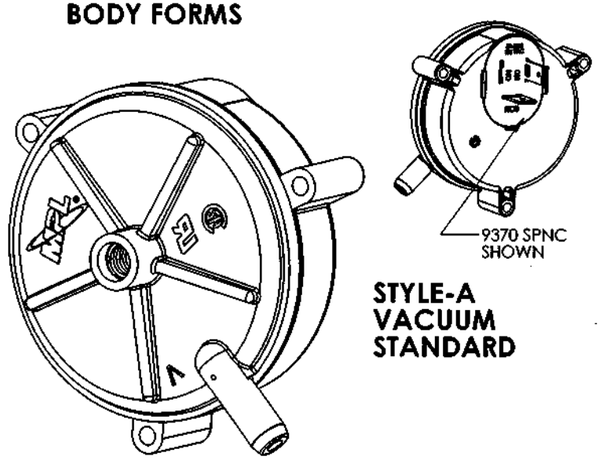
ELECTRICAL

INITIAL RESISTANCE.....<60 MILLIOHMS
MINIMUM LOAD
RECOMMENDED.....9370: 150mA, 24VAC
.....9371: 15mA, 24VAC
RATINGS.....9370: 1/10 HP, 120-277VAC
5 AMPS RESISTIVE, 125VAC
2.5 AMPS INDUCTIVE, 125VAC
PILOT DUTY: 28VA, 24VAC
125VA, 125VAC
.....9371: 1 AMP RESISTIVE, 24VAC
PILOT DUTY: 0.5 AMP, 24VAC

AGENCY

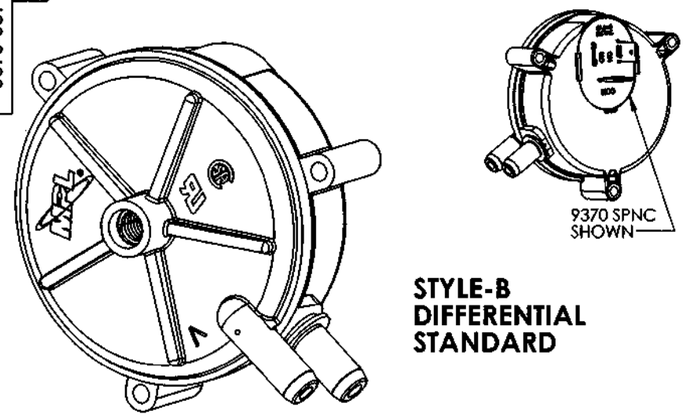
UL FILE #.....MH16997
CSA FILE #.....LR-50215

BODY FORMS

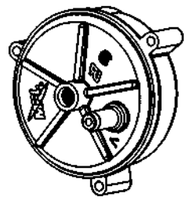


STYLE-A VACUUM STANDARD

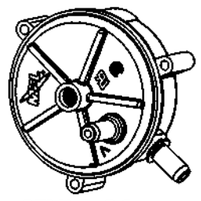
9370-9371 B



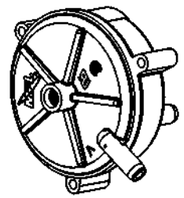
STYLE-B DIFFERENTIAL STANDARD



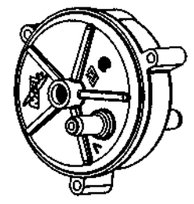
STYLE-A2 VACUUM OPTIONAL



STYLE-B2 DIFFERENTIAL OPTIONAL

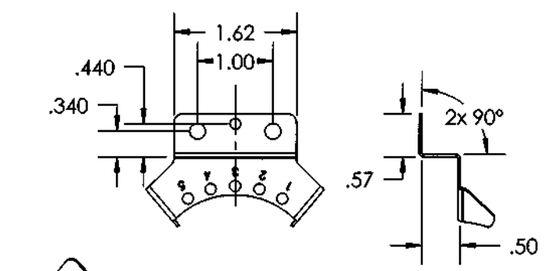


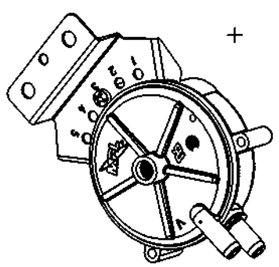
STYLE-B3 DIFFERENTIAL OPTIONAL



STYLE-B4 DIFFERENTIAL OPTIONAL

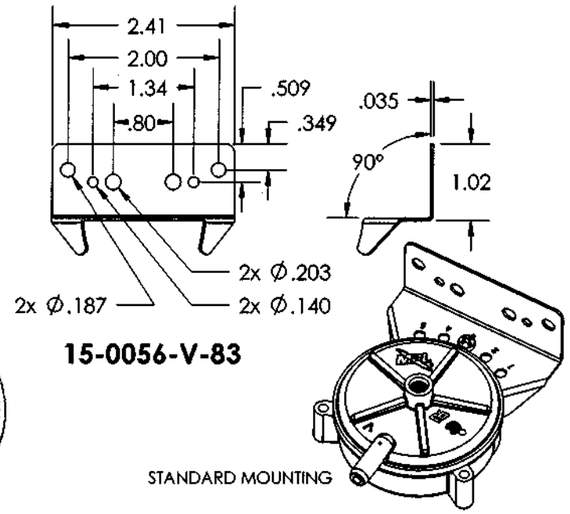
STANDARD BRACKETS





15-0055-V-83

STANDARD MOUNTING



15-0056-V-83

STANDARD MOUNTING

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TERMINAL SIZES

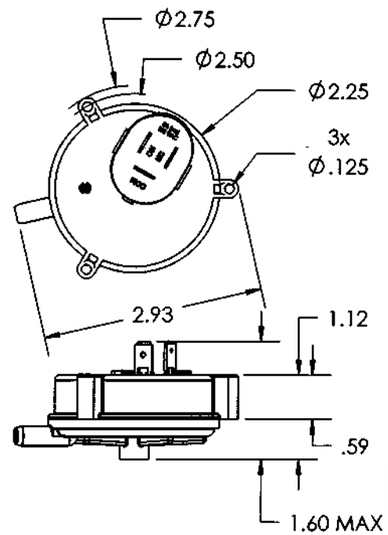


.250x.032 STANDARD | .187x.032 OPTIONAL | .187x.020 OPTIONAL

TERMINAL FORMS

9371: NORMALLY OPEN ONLY
9370: NORMALLY OPEN (SPNO)(STD)
.....: NORMALLY CLOSED (SPNC)
.....: DOUBLE THROW (SPDT)

BASIC DIMENSIONS STYLE-A



MICRO PNEUMATIC LOGIC INC.
2901 GATEWAY DRIVE
POMPANO BEACH, FLORIDA 33069
PHONE.: 954-973-6166
FAX.....: 954-973-6339

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TOLERANCES: UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES
.X= —
.XX= .30
.XXX= .15
.XXXX= —
ANGLES ± 2°

REV	ECN	DATE	BY	INITIAL		DATE
B	8082	01/18/05	ALR	DRWN	A.RODRIGUEZ	12/21/04
C	8130	02/25/05	ALR	CHCK		2/25/04
				ENGR		7/25/05
				SALES		2/25/05
CAD FILE:	9370-9371C.slddrw			QUAL		2/28/05

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DOCUMENT NUMBER	REV
9370-9371	C

SCALE: NTS | SHEET: 1 OF 1