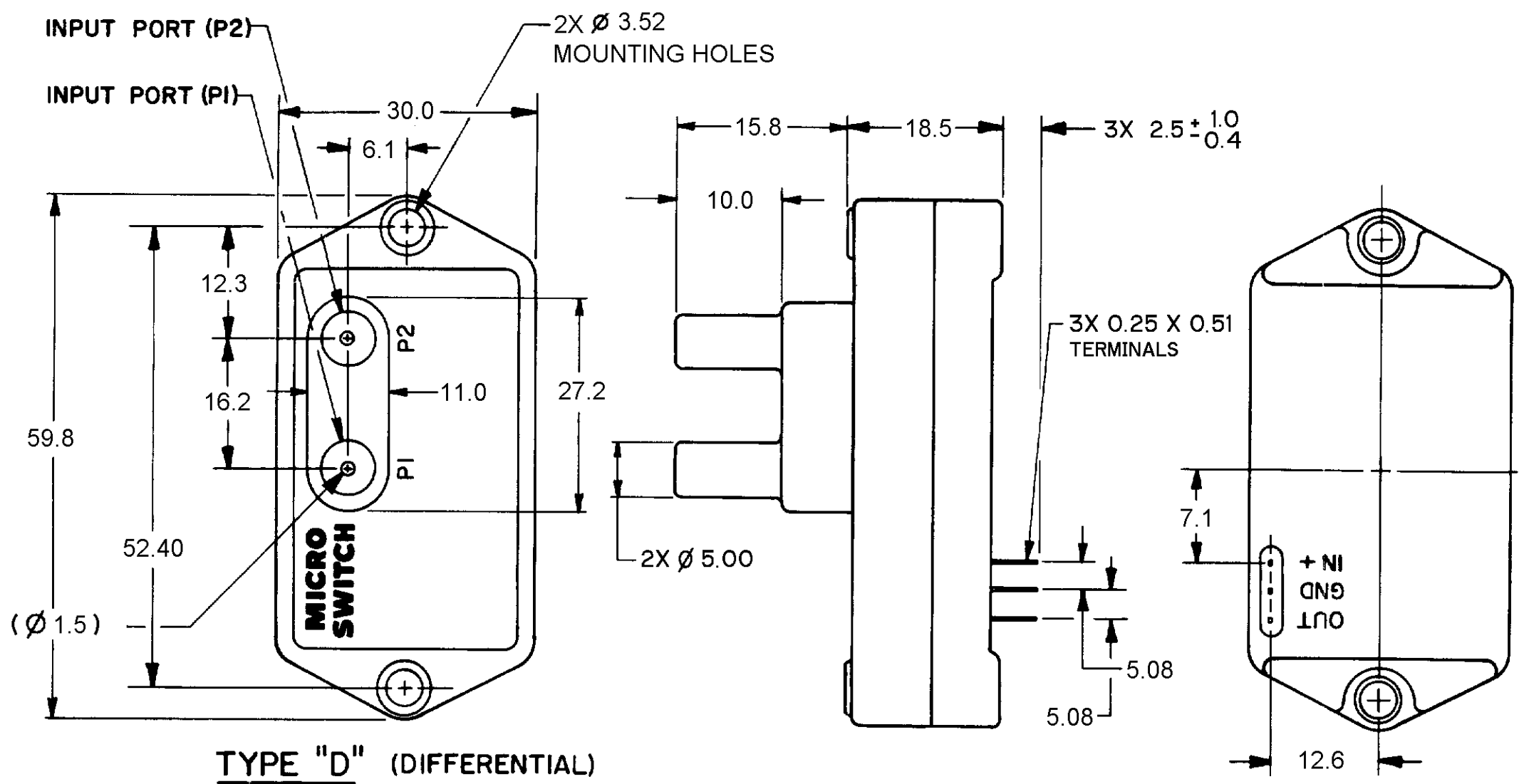


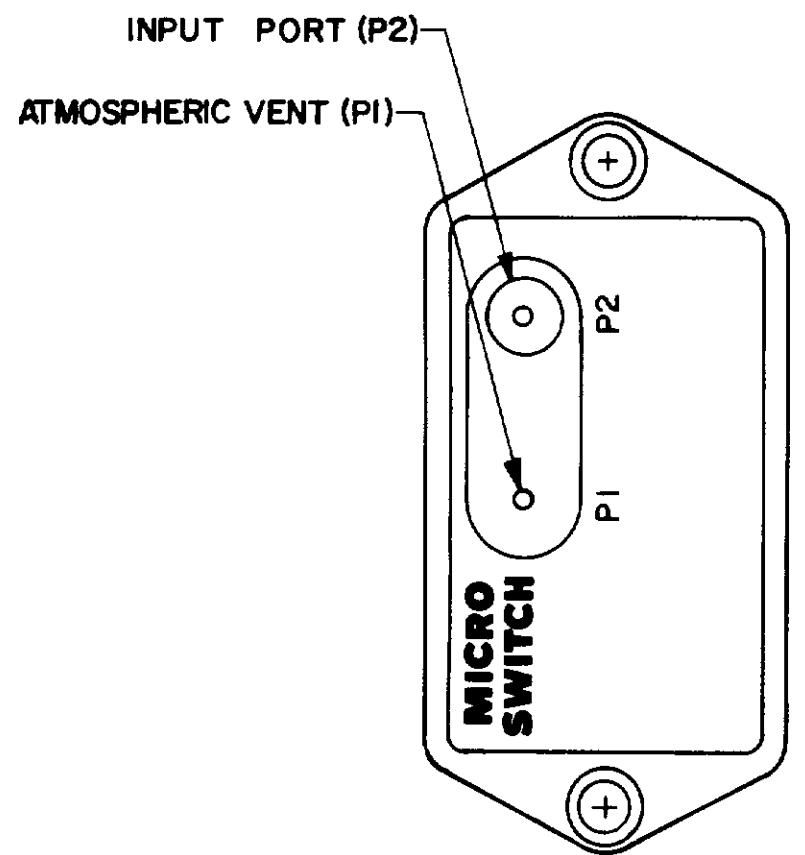
M 160PC01 SERIES
CHART 1

METRIC	INCH
0.4	.016
0.25	.010
0.51	.020
1.0	.039
1.5	.04
2.5	.099
3.52	.139
5.00	.197
5.08	.200
6.1	.240
7.1	.280
10.0	.39
11.0	.43
12.3	.484
12.6	.496
15.8	.51
16.2	.64
17.9	.70
18.5	.73
27.2	1.07
30.0	1.18
52.40	2.06
59.8	2.35

CATALOG LISTING	TYPE	OPERATING PRESSURE RANGE
①	D	0 TO -1.0 PSID
161PC01G	G	0 TO -1.0 PSIG
162PC01D	D	0 TO 1.0 PSID
162PC01G	G	0 TO 1.0 PSIG



TYPE "D" (DIFFERENTIAL)



TYPE "G" (GAGE)

GENERAL OPERATING CHARACTERISTICS	
PRESSURE RANGE	0 TO 51.7mm Hg (0 TO 1PSI)
OVERPRESSURE	288 mm Hg (5 PSI)
TEMPERATURE RANGES	STORAGE -55 TO +125°C OPERATE -40 TO +85°C COMPENSATED -18 TO +63°C
SUPPLY VOLTAGE	6 TO 12 VDC
SUPPLY CURRENT	20 mA MAX WITH 10K LOAD
SHORT CIRCUIT LIMIT	MAY BE SHORTED INDEFINITELY
OUTPUT RIPPLE	NONE
GROUND REFERENCE	SUPPLY AND OUTPUT ARE COMMON

ELECTRICAL PERFORMANCE AT 25°C AND 8.00 ± 0.01 VDC SUPPLY	
OUTPUT VOLTAGE	
161PC01D OR G	
NULL (0 PSID)	1.00 ± 0.05 VDC
FULL SCALE (1.0 PSID)	6.00 ± 0.20 VDC (P2 < P1)
162PC01D OR G	
NULL (0 PSI)	1.00 ± 0.05 VDC
FULL SCALE (1.0 PSI)	6.00 ± 0.20 VDC (P2 > P1)
SENSITIVITY	(5.0 V/PSI)
LINEARITY (% F.S.O.) Δ (BFSL)	± 1.0 MAX (P2 < P1) ± 2.0 MAX (P2 > P1)
HYSTERESIS & REPEATABILITY (% F.S.O.) Δ	± 0.15 TYPICAL
TEMPERATURE ERROR (% F.S.O.) Δ	
5° < 25° > 45°C	± 0.5 TYP
-18° < 25° > 63°C	± 1.0 MAX
-40° < 25° > 85°C	± 2.0 TYP
RESPONSE TIME	1 m SEC MAX

- NOTES**
- INPUT MEDIA:
P1 - DRY GASES ONLY: CONNECTION SIDE OF SENSOR
P2 - LIMITED ONLY TO THOSE MEDIA THAT WILL NOT ATTACK POLYESTER SILICON, OR SILICONE BASED ADHESIVE
 - TERMINALS ARE PLATED FOR SOLDERING
 - LIMIT SOLDERING TO 315°C MAX FOR 10 SECONDS
 - UNITS ARE OF PLASTIC CONSTRUCTION
 - F.S.O. IS THE ALGEBRAIC DIFFERENCE BETWEEN THE OUTPUT END POINTS (NULL AND FULL PRESSURE)

THIRD ANGLE PROJECTION	
SCALE NONE	
DO NOT SCALE PRINT	
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE	
NO PLACE	() ± 1 mm
ONE PLACE	(0.0) ± 0.4 mm
TWO PLACE	(0.00) ± 0.15 mm
ANGLES	±
WEIGHT 31 GRAMS	

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LOW PRESSURE
TRANSDUCER

CATALOG LISTING
160PC01 SERIES
CHART 1

DRAWING NUMBER: 160PC01 SERIES CHART 1
 ISSUE: 4
 PAGES: 1 OF 1
 RELEASE NO.: CO-95394
 27 AUG 07
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 A 0000509 JAH 24 JUN 03
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 CHECKED: SAV 8 FEB 00
 DRAWN: DLM 7 FEB 00
 RASTER

ANSI Y14.5M-1982 APPLIES

FED. MFG. CODE 91929