

PRESSURE SENSOR

FEATURES

- * Gas supply system and tools used for semiconductor processing
- * Compact, easy-to-use
- * Extremely low internal volume
- * 4 to 20 mA output models available
- * Cleaning and package in CAS semiconductor's class 10 clean room
- * "CE" & "S" marks approved



SPECIFICATIONS

1. Model : CAS-A2 (2wire) & CAS-A3 (3wire)
2. Range : -14.7-3000 psi
3. Over range : 150% of Full scale
4. Burst Pressure : 300% of Full scale
5. Accuracy : $\pm 0.25\%$ of Full scale
6. Repeatability : $\pm 0.1\%$ of Full scale
7. Output : 4~20mA (2 wire or 3 wire)
8. Operating Temperature : -20 ~60°C
9. Humidity : 0 to 95% RH
10. Power : 12 to 30 VDC with reserve polarity protection
11. Electromagnetic compatibility (EMC & EMI)
 - "CE" - according to EN61000-6-2:2001
EN61000-6-4:2001
 - "S" - according to
EN55011:1998 / A1:1999 / A2:2002
& EN61000-6-2:2001
12. Material :
 - Sensing element : Thin film sensor
 - Wetted surfaces : SUS 316L and Hastelloy C-22
 - Wetted surfaces finish : EP to 3~5Ra
 - Housing Material : 300 series stainless steel

ORDERING CODE

CAS - 3000 ND - A2 - 4 V M S - 1

CODE NO.

Pressure Range	
PSI	-14.7 ~ 3000 psig

Display	
ND	None Display (Standard)
DD	Digital Display
EX	Explosion Proof

Output Signal	
A2	4 ~ 20mA, 2 wire (Standard)
A3	4~20 mA, 3 wire

Connection Size	
4	1/4" (Standard)

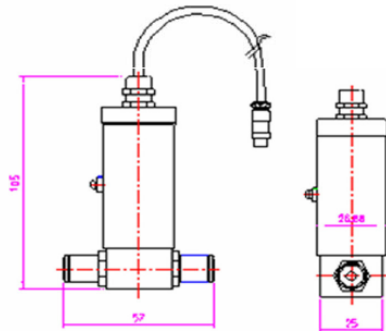
Calibration Option	
1	±0.25% of FS
2	±0.5% of FS
3	±1% of FS

Connection Option	
S	Straight (Standard)
T	Tee
B	Block

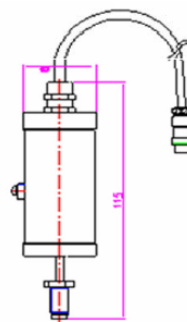
Connecion Type 2	
M	Male (Standard)
F	Female

Connection Type 1	
V	VCR (Standard)

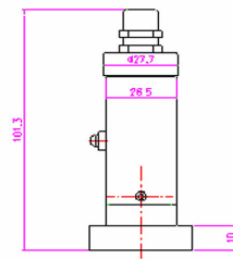
Demensions



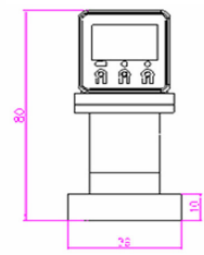
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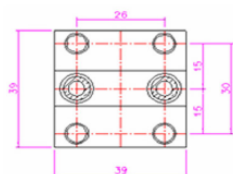
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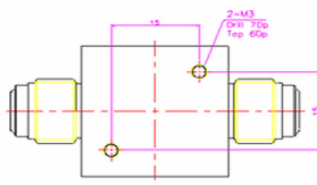
[B-Type]



[DP-B-Type]



[B-Type]



[T-Type]

CONNECTION

Pin No.	2 wire output		3 wire output	
	COLOR	SECTION	COLOR	SECTION
1	RED	24 VDC	RED	24 VDC
2	WHITE	None	WHITE	GND
3	GREEN	None	GREEN	GND
4	BLUE	4-20 mA	BLUE	4-20 mA