



1. Turbine Flow Meter:

This flow meter features a compact design for high-precision flow detection and a structure capable of withstanding temperature variations ranging from low to high. It is widely applied in semiconductor equipment, with the sensor and converter sections minimized to maximize usability in confined spaces. Furthermore, it has obtained the "S" mark for use in semiconductor lines and is manufactured to withstand electromagnetic interference and various surrounding conditions.

2. Specifications

1. Model: CAS-FM Series
2. Range: Standard, 1~250 LPM
   Different Range Available
3. Accuracy: ± 0.5 % of Full scale
4. Operating Temperature: -40~150℃
   Option: -100~250℃
5. Humidity: 0 to 95% RH,
6. Power: 12 to 30 VDC with reserve polarity protection
7. Output : 0~5VDC
8. Electromagnetic compatibility (EMC & EMI)
   "S" - according to
   EN55011 : 1998/A1:1999/A2:2002
   & EN61000-6-2:2001
9. Material :
   Body : Stainless Steel 316L
   Sensor : Aluminum
10. Sensor Type : Pick-up Sensor
    Hall Sensor **3. Flow range**

▲top

connection size	flow range (lpm)
1/2"	2~ 25
3/4"	3~ 60
1"	15~150
1 1/4"	15~160

ORDERING CODE

CAS – FM - H 60 H – 3/4 - T

Code No.

Sensor Type	
P	Pick-up
H	Hall Sensor

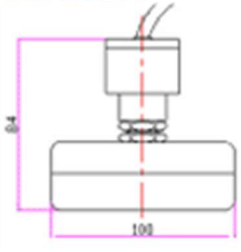
Flow Range
1~250 LPM

Temperature	
S	-40 ~ 150 ℃
H	-100 ~ 250 ℃

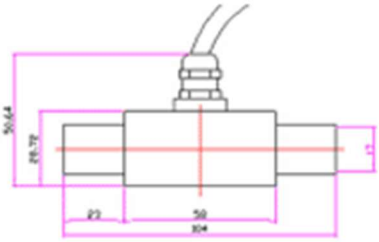
Connection Type	
T	Tube
P	PT

Connection Size	
1/2"	1/2"
3/4	3/4"
1	1"
1 1/4	1 1/4"

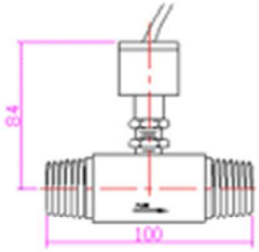
DRAWING



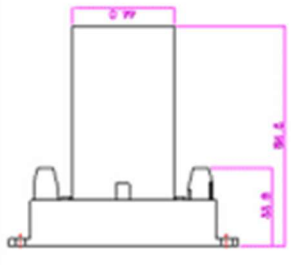
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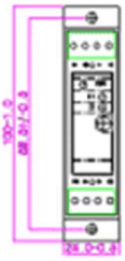


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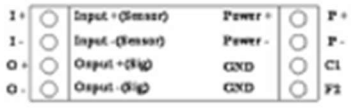


[CAS-FM-P-60S-1 1/4-P]

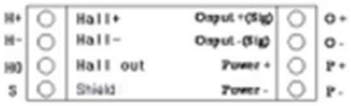




[Converter view]



[Pick-up connection]



[Hall connection]

CONNECTION

Pin No.	Pick-up			Hall Sensor		
	COLOR	SECTION	CONVERTER	COLOR	SECTION	CONVERTER
1	RED	SIG +	I +	RED	Hall +	H +
2	BLACK	SIG -	I -	BLACK	Hall -	H -
3	WHITE	GND	C1 or F2	WHITE	Hall Out	HO