

MDM492 Differential Pressure Transmitter

Features

- Lower pressure measurement;
- Compact size, easy installation;
- The gas or non-conductive liquid measurement;

Introduction

MDM492 differential pressure transmitter is used to measuring lower pressure range. It uses high performance sensor and amplifier circuit outputting 4~20mA current signal. The whole product is stable and reliable, can be used for lower pressure measure of boiler, vintage, engine and so on.



Specifications

Pressure range:	0 ~ 1kPa	0 ~ 2.5kPa	0 ~ 7kPa
+ Overpressure:	3kPa	7.5kPa	21kPa
Limited pressure:	5kPa	12.5kPa	35kPa
Static pressure :	300kPa	300kPa	300kPa.
Accuracy:	≤1%FS		
Long-term stability:	≤10Pa/year	≤25Pa/year	≤70Pa/year
Zero temp.drift:	≤±0.05kPa	≤±0.125kPa	≤±0.4kPa (0 ~ 70 , @25)
FS temp.drift:	≤±0.02kPa	≤±0.05kPa	≤±0.14kPa (0 ~ 70 , @25)
Media temp.:	-10 ~ 85		
Storage temp.:	-40 ~ 125		
Compensation temp.:	0 ~ 70		
Relative humidity:	0 ~ 80%		
Power supply:	15 ~ 30VDC		
Output signal:	4 ~ 20mADC		
Pressure port:	stainless steel 1Cr18Ni9Ti		
Electric housing:	aluminum-alloy		

Note: Other pressure range not been included in above range could be achieved by enlarging or shrinking standard pressure range (overpressure unavailable), but at this situation, accuracy and stability would have some loss.

<http://www.microsensor.cn>

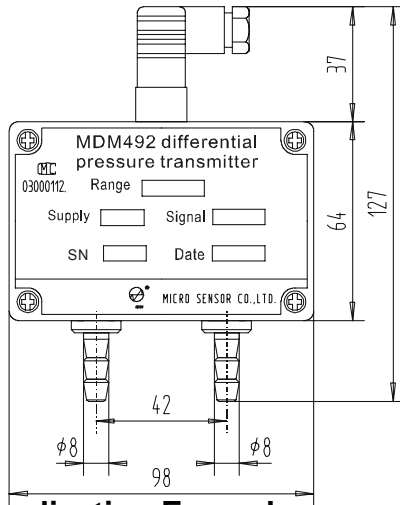
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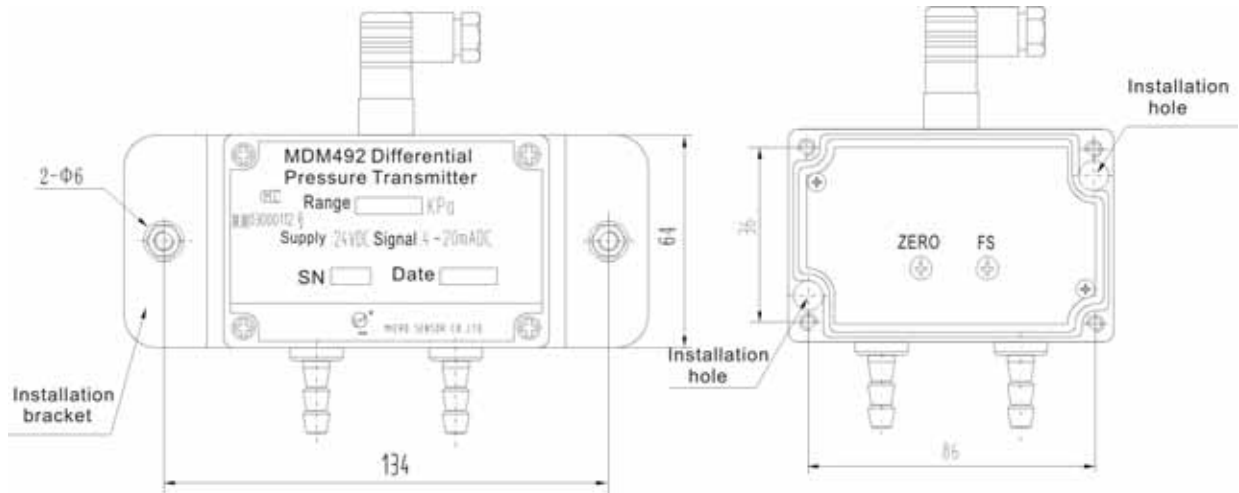
MICRO SENSOR CO.,LTD.

Outline Construction

(Unit: mm)



Application Example



Order Guide

MDM492	Differential Pressure Transmitter		
	Code	Pressure range: kPa	
	[0 ~ X]kPa	0 ~ 1...7kPa	X=actual measure range
	Code	Output signal	
	E	4 ~ 20mADC	
MDM492	[0 ~ 2.5]kPa	E	the whole spec

Order Note

If the user has special requirement, please feel free to contact our company.

Electric Connection

Wiring	Plug
+V	Pin 1
0V/OUT	Pin 2

