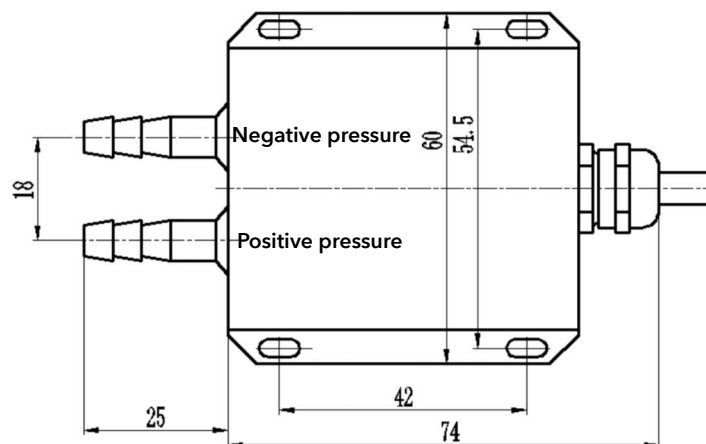


PMD260 micro-differential pressure transmitter
MAIN FEATURES

- Measure wind pressure, flow and differential pressure of non-corrosive gases
- High sensitivity, can measure tiny pressure less than 100Pa
- High accuracy: better than 0.1 %FS
- Good stability: $\leq 0.1\% \text{FS/year}$, $\leq 0.01\% \text{FS/}^\circ\text{C}$
- Anti-surge voltage, reverse polarity protection
- Anti-jamming design
- Strong overload capacity
- Small size, easy installation


SPECIFICATION

Items	Parameter
Range	0Pa~200Pa...100kPa
Overload capability	≤ 3 times full scale
Pressure Type	D (differential pressure)
Accuracy	0.2% (custom), 0.5% (typical), 1.0% (maximum)
Long-term stability	$\pm 0.2\% \text{FS/year}$ (typical), $\pm 0.5\% \text{FS/year}$ (maximum)
Zero temperature drift	$\pm 0.02\% \text{FS/}^\circ\text{C}$, $\pm 0.03\% \text{FS/}^\circ\text{C}$
Sensitivity temperature drift	$\pm 0.02\% \text{FS/}^\circ\text{C}$, $\pm 0.03\% \text{FS/}^\circ\text{C}$
Compensation temperature	$0^\circ\text{C} \sim 50^\circ\text{C}$
Medium temperature	$-30^\circ\text{C} \sim 70^\circ\text{C}$
Power supply	12 ~ 30VDC
Output Signal	4mA~20mA 0V~10V (output range can be customized)
Load Resistance	Current type: $\leq (U-12) / 0.02 (\Omega)$
Protection level	IP65

TYPICAL DIMENSION


Unit: mm

MORE RECOMMENDATION

MODEL	FEATURE	OUTLINE CONSTRUCTION
PMD262	<ol style="list-style-type: none"> 1. Stainless steel square shell; 2. Tower type nozzle, the rear needs thread can be customized; 3. Pressure interface materials 304 and 316L are optional; 4. 5kPa or more range can choose 316L isolation diaphragm core. 	
PMD263	<ol style="list-style-type: none"> 1. Aluminum alloy square shell; 2. φ7 tower type 304 stainless steel nozzle; 3. 5kPa or more range optional 316L isolation diaphragm core 	

ELECTRIC CONNECTION

- Direct cable connection

Current type	Voltage type	RS485 type

Remarks:

1. The measurement medium below 5kPa is non-corrosive and dry gas; the 316L isolation diaphragm pressure sensor is available for the range above 5kPa, the positive pressure end is 316L diaphragm, and the negative pressure end is silicon and silicone tube, which can measure compatible medium. For gases containing impurities, a filter should be installed in the front section.
2. Fix the transmitter with a fixed hole. The pressure nozzle is a pressure channel and cannot be used as a fixed fulcrum.
3. The working environment temperature and humidity requirements are in line with the product use range. If the environmental conditions are harsh, be sure to communicate before ordering.

ORDER CODE

Code:	A	-	B	-	C	-	D	-	E
Model:	PMD260	-	0-5bar	-	S	-	L	-	MA

Model	Code A
Stainless steel square shell	262
Aluminum alloy square shell	263
Pressure Range(X=specific range)	Code B
0Pa~200Pa...100kPa	X KPa
0Bar ~1Bar	X Bar
0psi ~15psi	X psi
Accuracy	Code C
0.2% (custom)	C
0.5%(typical)	T
1.0%(Max.)	S
Interface material	Code D
316L	L
304	S
Other customized	C

Output signal	Code F
4mA~20mA	MA
0V~10V (output range can be customized)	V1
More output customized	C