

SPECIFICATIONS

MICRO DIFFERENTIAL PRESSURE TRANSMITTER ANW2852M SERIES



Micro Differential Pressure Transmitter ANW2852M Series

Benefits/features

- New industrial appearance quick installation design, suitable for rapid installation and deployment
- Imported sensors, high precision, fast response, good long-term stability
- Large LCD backlight, multiple installation and output modes are optional
- Excellent anti-interference ability and protection function, IP65

Basic parameters

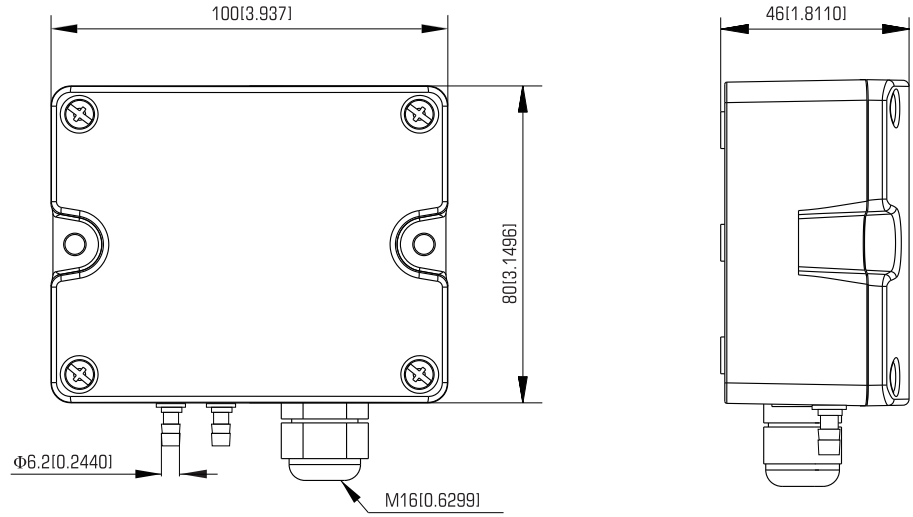
Medium	Air or neutral gas		
Range	$\pm 100\text{Pa}$, $\pm 1000\text{Pa}$, $\pm 10000\text{Pa}$		
Overpressure	5kPa (ANW2852M6); 10kPa (ANW2852M0); 80kPa (ANW2852M2)		
Connection	Metal barb connection, $\Phi 6.2\text{mm}$		
Accuracy	$\pm 1\% \text{F.S}$		
Operation temperature	$-20 \dots 70^\circ\text{C}$		
Compensated temperature	$-10 \dots 60^\circ\text{C}$		
Storage temperature	$-40 \dots 70^\circ\text{C}$		
Response time	0.5s(Default)/1.0s/2s/4s		
IP grade	IP65		
Power	$\leq 1.5\text{W}$		
Pressure unit	Pa, kPa, mmH ₂ O, mbar, mmHG, inH ₂ O		
Output signal	0~10V&4~20mA 0~5/10V	4~20mA	RS485
Power supply	12~30VDC/24VAC+20%	12~30VDC(Non-polar)	9~30VDC
Shell material	UL94-V0/PC		
Communication	RS-485 standard interface, Modbus RTU protocol		
EMC	EN61326-1		
Display	LCD backlight digital display		

*RoHS-compliant products are assigned separate material numbers. Please ensure careful selection when placing an order.

DIMENSIONS & ORDER CODE SELECTION TABLE

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Dimensions in mm [in]



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Name	Range	Display	Output
ANW2852M	2	1	A
	↓	↓	↓
	6=-100...100Pa 0=-1000...1000Pa 2=-10000...10000Pa	0=No display 1=With display	A=4...20mA/ 0...10VDC(sync output) B=4...20mA(Two-wire)(No backlight) C=0...10VDC(Three-wire) D=0...5VDC(Three-wire) F=RS-485 E1=RS-485(Isolation)

Note: The above rules are applicable for non-RoHS material selection. For RoHS compliant products, simply add the model number with (R) designation.