

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

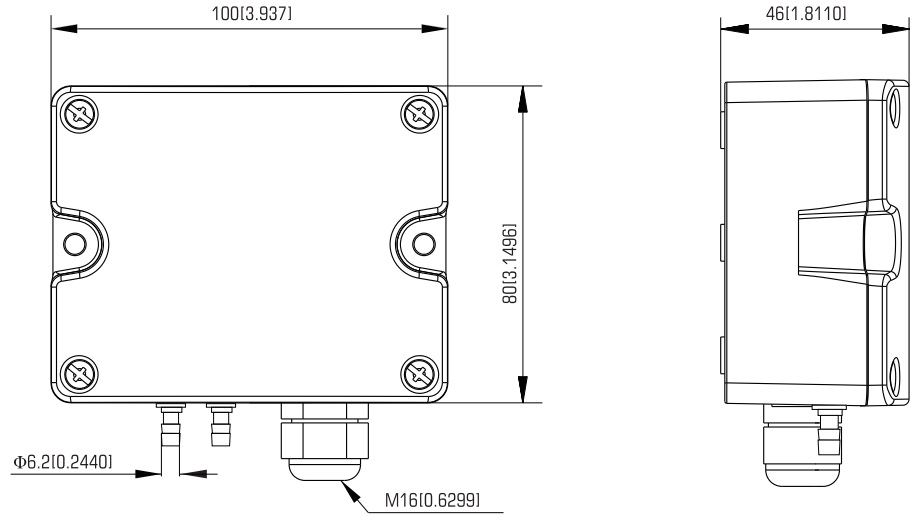
Medium	Air or neutral gas	
Range	$\pm 100\text{Pa}$, $\pm 1000\text{Pa}$, $\pm 10000\text{Pa}$	
Overpressure	5kPa (ANW2852M6); 10kPa (ANW2852M0); 80kPa (ANW2852M2)	
Connection	Metal barb connection, $\Phi 6.2\text{mm}$	
Accuracy	$\pm 1\% \text{F.S}$	
Temperature	Operation: $-20 \dots 70^\circ\text{C}$ Compensated: $-10 \dots 60^\circ\text{C}$ Storage: $-40 \dots 70^\circ\text{C}$	
Response time	0.5s(Default)/1s/2s/4s	
IP grade	IP65	
Power	$\leq 1.5\text{W}$	
Electrical connection	2-wired	3-wired
Output signal	4...20mA(No backlight)	0...5VDC/0...10VDC
Power supply	12...30 VDC	12...30VDC/24VAC + 20%
Electrical connection	4-wired	6-wired
Output signal	RS-485	4...20mA&0...10VDC
Power supply	9...30VDC	12...30VDC/24VAC + 20%
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	Accuracy
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 outpu) B=4...20mA(Two-wire)(No backlight) C=0...10VDC(Three-wire) D=0...5VDC(Three-wire) E=RS-485 F=RS-485(Isolation)	a=±1.0%F.S.

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