

SPECIFICATIONS

PRESSURE TRANSMITTER ANW2800T



Pressure Transmitter ANW2800T

Benefits/features

- Using a high overload capacity oil-filled silicon core
- Excellent corrosion resistance and wear resistance
- Using ASIC technology digital compensation
- Applicable in various complex environments

Basic information

Measurement range	-100kPa...0~10kPa...60MPa		
Pressure connection	G1/4, NPT1/4, R1/4, G1/2, 1/4SAE, M20 * 1.5, etc (Other sizes can be customized)		
Output	4...20mA	0.5...4.5V Proportional	0.5...4.5V Absolute
Voltage	10...36VDC	4.75...5.25VDC	4.75...5.25VDC
	0...5V	0...10V	RS485
	8...36VDC	12...36VDC	10...36VDC
	Digital display model		
Output	4...20mA	0...10V	RS485
General	12...30VDC	12...30VDC	12...30VDC
Explosion-proof	10...36VDC	12...36VDC	10...36VDC
Electrical Connections	Packard, DIN43650C (small Hirschmann), DIN43650A (big Hirschmann), M12 waterproof outlet, M12 aviation connector, GX12 aviation connector (three-core/four-core)		
Overload pressure	1.5 times the rated pressure		
Pressure form	Gauge Pressure G/Absolute Pressure A		
Accuracy	±1.0%F.S.(-100kPa...0~1kPa...2kPa...60MPa) ±0.5%F.S.(-100kPa...0~3kPa...9kPa...60MPa) ±0.25%F.S.(-100kPa...0~10kPa...60MPa)		
Stability	<0.5%F.S./year		
Tests / Admissions	Safety explosion-proof type E, RoHS, EU electrical safety standard CE		

Operating conditions

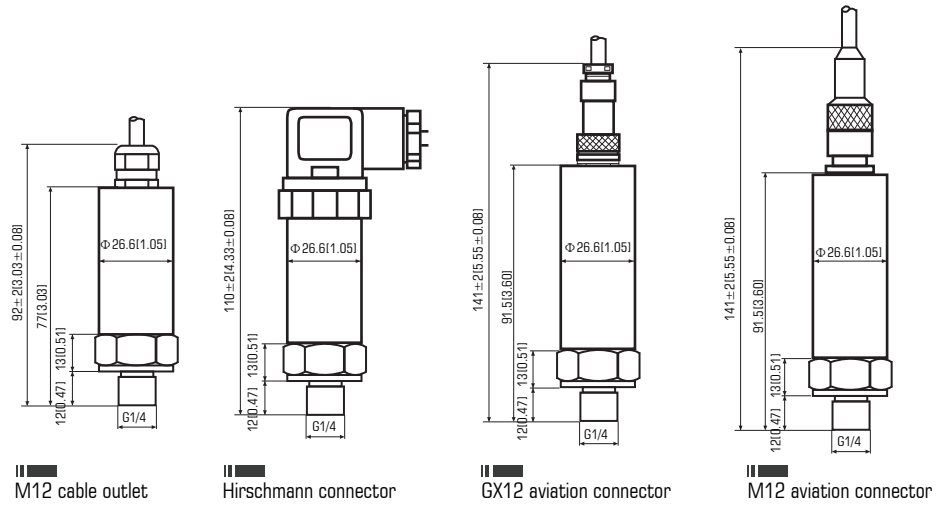
Medium	Gas or liquid compatible with 304 and 316L stainless steel, Fluorine rubber or Nitrile rubber
Temperature	Working: -20...+85 °C [-4...+185 °F] Storage: -40...+100 °C [-40...+212 °F]

Note: Measured at 25°C, including the comprehensive accuracy of linearity, repeatability and hysteresis.

DIMENSIONS & ORDER CODE SELECTION TABLE

PRESSURE TRANSMITTER ANW2800T

Dimensions in mm [in]



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Name	Range	Output	Accuracy	Cable Length
ANW2800T	0-60	A4	0.25	1.0

-100kPa...0~10MPa...60MPa	A4=4~20mA(2-wired) V05=0.5~4.5V(3-wired) V0=0~5V(3-wired) V10=0~10V(3-wired) RS=RS-485(4-wired)	0.25=0.25%F.S 0.5=0.5%F.S 1.0=1.0%F.S	1.0=1m 2.0=2m 3.0=3m
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Electrical Connection	Process Connection	Unit
C3	N	K

D1=DIN43650A(Big Hirschmann) M=M12(M12 waterproof outlet) C3=GX12-3P C4=GX12-4P H=M12-4P P=Packard D2=Direct lead	G=G1/4 G2=G1/2 N=NPT1/4 M20=M20*1.5 R=R1/4 U=7/16-20UNF external screw B=BSP1/4	K=kPa B=bar P=psi M=MPa
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