

WNK83MA Compact Pressure Transmitter

WNK83MA is our standard compact pressure Transmitter, by using ASIC signal conditioning chip and dry ceramic capacitive pressure sensor. It has features of anti-corrosion, anti-wear, shock resistance and vibration resistance. WNK83MA is especially suitable for manufacturing of high-performance industrial control pressure transmitter and harsh environment pressure measurement.



WNK83MA is solution for below applications:

- Pressure measurement of gas or liquid in various areas;
- Liquid level measurement;
- Integrated in a variety of user-defined solutions;
- Smart water and gas management, smart fire controlling, automotive electronics controlling, air compressor, HVAC, pump, valve and etc;

Technical data

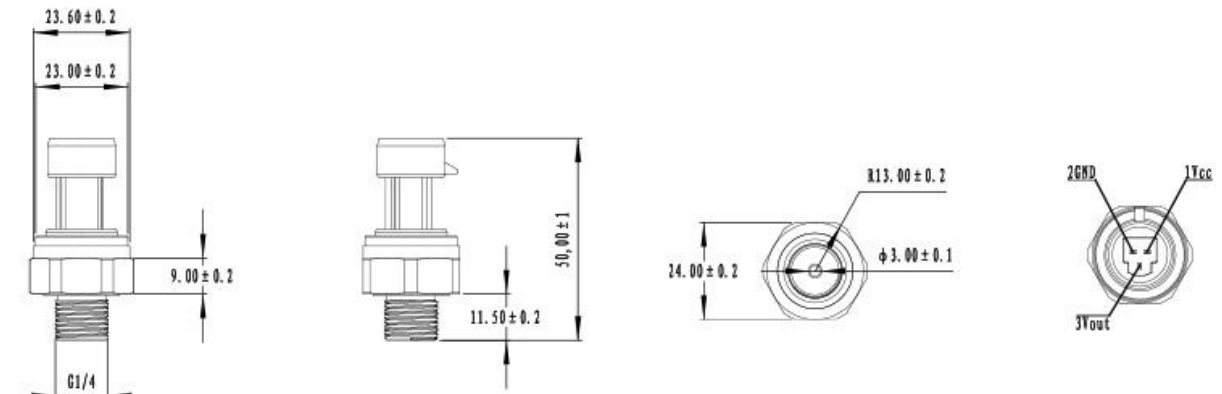
Applicable media	Water or Liquid, Gas
Pressure range	0-10bar, 0-20bar
Pressure measurement	Gauge Pressure, Sealing pressure
Output signals	0.5-4.5V
Power supply	4.75-5.25 VDC
Accuracy	±1% F.S.
Total error band	±3%
Max pressure	2 times
Burst pressure	3 times
Supply current	15mA Max
Electrical connection	Packard , Cable outlet
Process connection	1/4NPT, G1/4
Housing material	Brass
Protection class	IP65
Working temperature	— 20~70℃
Ambient temperature	— 40~110℃

Option sheet

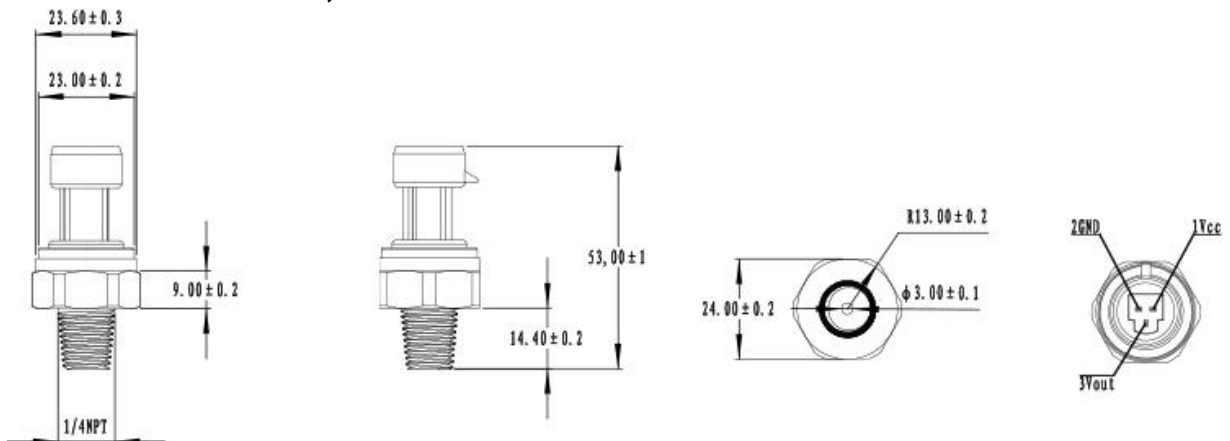
Model	Product description
WNK83MA	Pressure Transmitter
Suitable for both gauge and sealing pressure, For this model only 0.5-4.5V Output available	
Code	Sensor range
010	10bar
020	20 bar
Code	Electrical connector
P	Packard
Z	Cable outlet (500mm)
Code	Process connector
G	G1/4
N	1/4-18NPT

Dimension

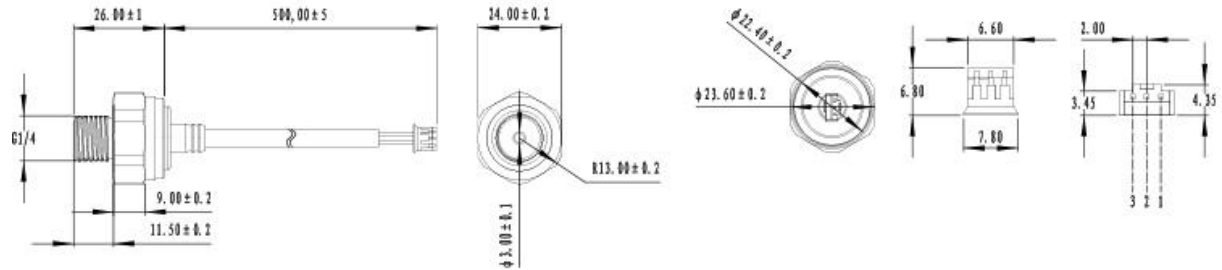
1. Packard connector, G1/4 thread



2. Packard connector, 1/4NPT thread



3. Direct cable outlet, G1/4 thread



4. Direct cable outlet, 1/4NPT thread

