



合肥皖科智能技
HEFEI WNK SMART TECH

PRODUCT MANUAL WNK85MA

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PRODUCT INTRODUCTION

WNK85MA is a high-performance compact pressure transmitter series using ASIC signal conditioning chip and dry ceramic capacitive pressure sensor. It has the characteristics of anti-corrosion, wear resistance, shock resistance and vibration resistance, and the overload resistance is more than 3-5 times the range. It completely solves the problem of poor overload in small range of other sensors.





APPLICATION



**WATER
PRESSURE**



**AIR
PRESSURE**



**OIL
PRESSURE**



**AGRICULTURAL
IRRIGATION**



FOOD



PUMP



HVAC



REFRIGERANT

FEATURES

- Specific high performance ASIC conditioning circuit;
- Dry ceramic capacitive pressure sensor;
- Robust ceramic capacitive sensitive membrane;
- Excellent anti-corrosive and anti-wear performance;
- Suitable for pollution and corrosive environment;
- Various electrical connectors available;
- Rapid response, no hysteresis;
- Wide operating temperature range -40 to 85° C
- Anti-icing, 5V powersupply;
- Accurate, stable and reliable;



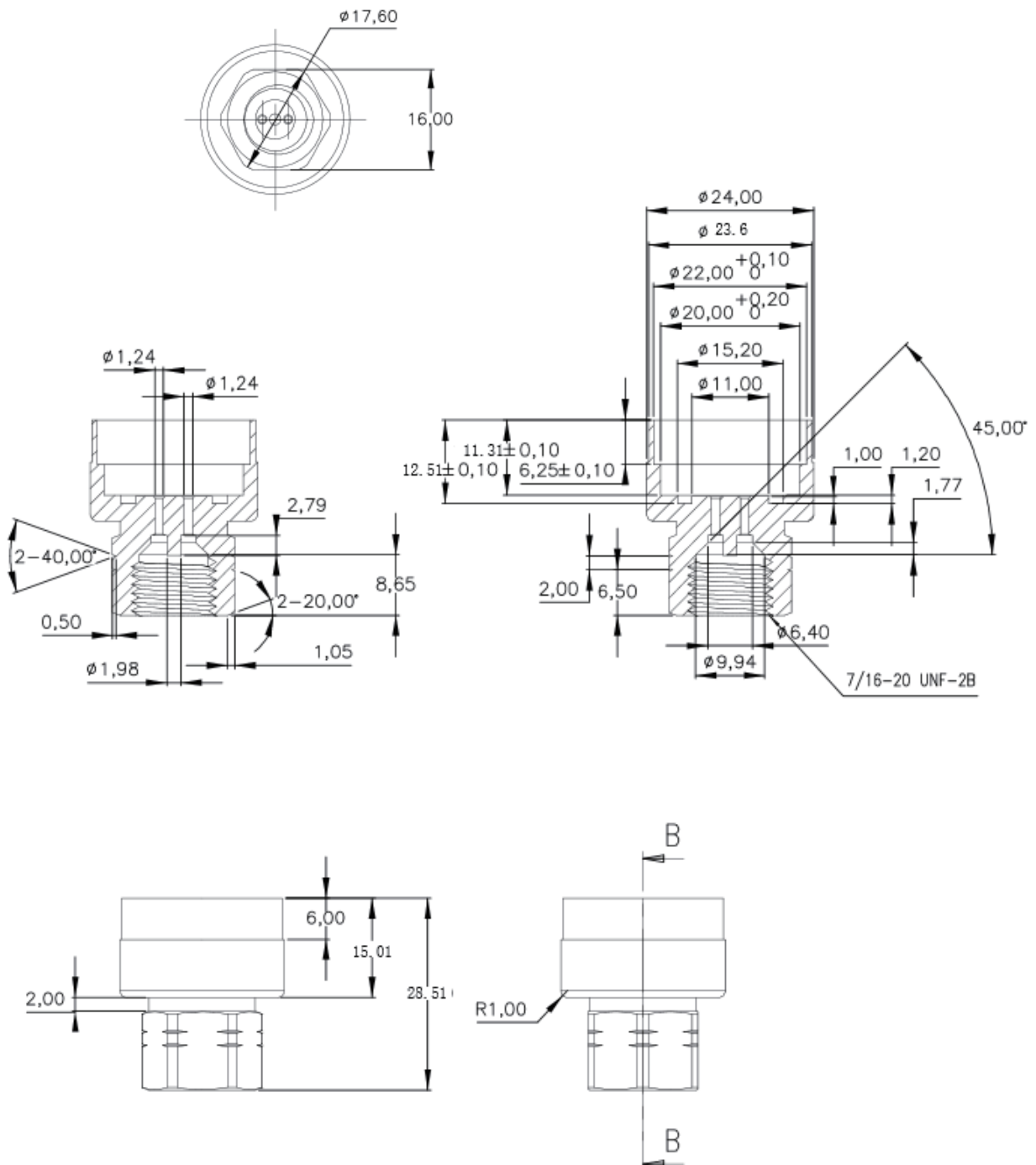
SPECIFICATION PARAMETERS

Model	WNK85MA
Pressure type	Gauge pressure , sealing pressure
Measure range	0~20....60bar
Output	0.5-4.5V
Powersupply	5V
Accuracy	1%
Compensation temperature	-20~70°C
Housing material	Environmental brass
Protection grade	IP65/IP67
Operation temperature	-40~85°C
Electrical connector	Packard , cable outlet
Process connector	7/16-20UNF female



PRODUCT SIZE

Unit:mm





SELECTION GUIDE

Code

Range	
20bar	A
40bar	B
Others	X



B

Process Connection	
7/16-20UNF female	P1



P1

Electrical Connector	
Packard	C1
Cable outlet	C2



C1

Code: WNK85MA-B-P1-C1