



PRODUCT MANUAL

WNK5 SERIES

Hefei WNK Smart Technology Co., Ltd.

Whatsapp: +86 18356504420 E-mail: wnksensorjack@gmail.com

Web: www.gqsensor.com

ADDRESS:
CN, Anhui, Hefei, Area A And B, 5th Floor, Plant 2,
Mingzhu Industrial Park, No. 106 Chuangxin Avenue,
High-Tech Zone.



PRODUCT INTRODUCTION

WNK5 series pressure transmitter is a high performance pressure transmitter provided by WNK. It converts physical signals such as pressure, differential pressure and liquid level into standard signals by collecting unit sensors and digital processing circuits. Our WNK5 series uses advanced digital technology with specified integrated circuits for the best accuracy and signal uniformity. Each transmitter set is ambient temperature compensated at our facility to ensure maximum accuracy and minimum drift over a wide operating temperature range.



WNK51



WNK52



WNK55



WNK57



APPLICATION



**PIPELINE
PRESSURE**



**AIR
PRESSURE**



**OIL
PRESSURE**



**WATER
TREATMENT**



FOOD



NATURAL GAS



**INDUSTRIAL
CONTROL**



REFRIGERANT

FEATURES

- High accuracy: up to 0.075%FS;
- Output: 4~20mA, Hart, Profibus-Pa;
- Excellent long-term stability: long-term drift $\leq \pm 0.15\%$ URL for 5 years
- Range ratio: 100: 1;
- Module design;
- High Temperature Resistance: Highest temperature up to 280 °C with diaphragm sealing;
- High Pressure Ability: Max Pressure up to 700bar;

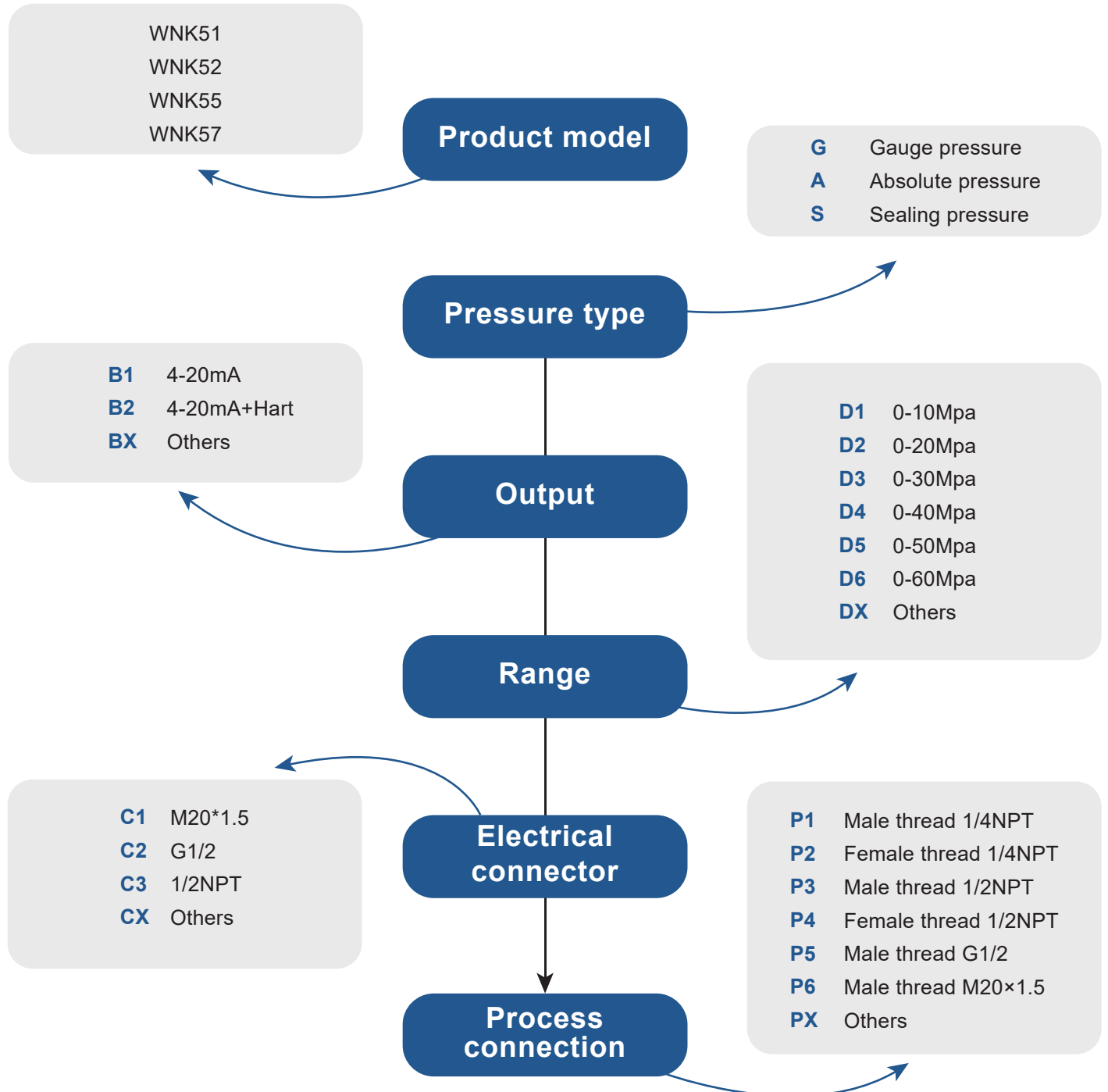


SPECIFICATION PARAMETERS

Pressure type	Gauge pressure Seal pressure Absolute pressure
Range	-100Kpa~300pa...70Mpa
Applicable media	liquid, gas and steam
Accuracy	0.075%
Stability	±0.15% of URL for 5 years
Temperature drift	±0.03% of URL/10°C
Output	4~20mA, Hart, PROFIBUS-PA for option
Power supply	12~30V DC
Display	LCD
Housing material	316 Stainless Steel
Electrical connection	M20×1.5、 G1/2、 1/2NPT
Protection class	IP66/67
Ex-proof	Exia II CT4, Exia II CT6
Calibration unit	mbar/ bar/ kPa/ MPa/ mmH2O/ mH2O/ psi
Ambient temperature	-40 to 85°C,-40 to 80°Cfor LCD header
Storage temperature	-45 to 85°C,-40 to 80°C for LCD header
Process connection	female thread 1/4NPT, female thread 1/2NPT, male thread M20×1.5, Others



SELECTION GUIDE



Code: WNK51-G-B1-D1-C1-P6