

WNK50 Smart Differential Pressure Transmitter

- Gauge, absolute and differential pressure measurement in gases, steam or liquids in all areas of process control field.
- Level, volume or mass measurement in liquids.
- Working with detecting element, measure the flow of gases, steam and liquid flow. (volume and mass flow).
- Accuracy:
 High accuracy up to +0.075%of calibration range.
 When range ratio is greater than 10:1, the accuracy= the accuracy of set range± [0.025+0.005(URL/set range)]%.



Ordering information



Model	Product details	
WNK50	Smart Differential Pressure Transmitter	
Code	Approval	
A	For non explosion-proof areas	
1	Exia II CT6	
2	Exia II CT4	
3	Exd II CT6	
For other approvals or more information, please contact with us		
Code	Output code	
A	4...20mA	
H	4...20mA, HART	
P	PROFIBUS-PA	
F	FF	
Code	Display	
A	No display	
L	LCD	
Code	Housing; Cable entry; Protection	
A	Aluminum 14, M20×1.5, IP66/67	Code B: Aluminum14, 1/2" NPT, IP66/67
Code	Sensor range, for gauge pressure	
7B	10mbar, PN160 (1kPa/100mH ₂ O) (4" wc)	
7C	30mbar, PN160 (3kPa/300mH ₂ O) (12" wc)	
7D	100mbar, PN160 (10kPa/1mH ₂ O) (40" wc)	
7F	500mbar, PN160 (50kPa/5mH ₂ O) (200" wc)	
7H	3bar, PN160 (300kPa/30mH ₂ O) (43 PSI)	
7L	16bar, PN160 (1.6MPa/160mH ₂ O) (232 PSI)	
7M	40bar, PN160 (4MPa/400mH ₂ O) (580 PSI)	
8F	500mbar, PN420 (50kPa/5mH ₂ O) (7 PSI)	
8H	3bar, PN420 (300kPa/30mH ₂ O) (43 PSI)	
8L	16bar, PN420 (1.6MPa/160mH ₂ O) (232 PSI)	
8M	40bar, PN420 (4MPa/400mH ₂ O) (580 PSI)	
8W	300bar, PN420 (30MPa/3000mH ₂ O) (4,351 PSI)	

Code	Calibration, Unit
1	Sensor range, mbar/bar
2	Sensor range, kPa/MPa
3	Sensor range, mmH ₂ O/mH ₂ O
4	Sensor range, psi
Code	Diaphragm material
1	316L SST
2	Alloy C-276
X	Other special requirement
For any other special diaphragm, please contact with us.	
Code	Process connection thread, drain valve
A	Female thread 1/4NPT, emission exit at tail
B	Female thread 1/4NPT, emission exit at side
C	Female thread 1/2NPT, emission exit at tail
D	Female thread 1/2NPT, emission exit at side
E	Male thread M20×1.5, emission exit at tail
F	Male thread M20×1.5, emission exit at side
Code	Process connection material
2	304 SST
3	316 SST
H	Alloy C
Code	Mounting bracket
A	No
U	Mounting bracket for pipe
Typical model#: WNK50 AHL A7D 21A2U	

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