



WTR05 Differential Pressure Transmitter



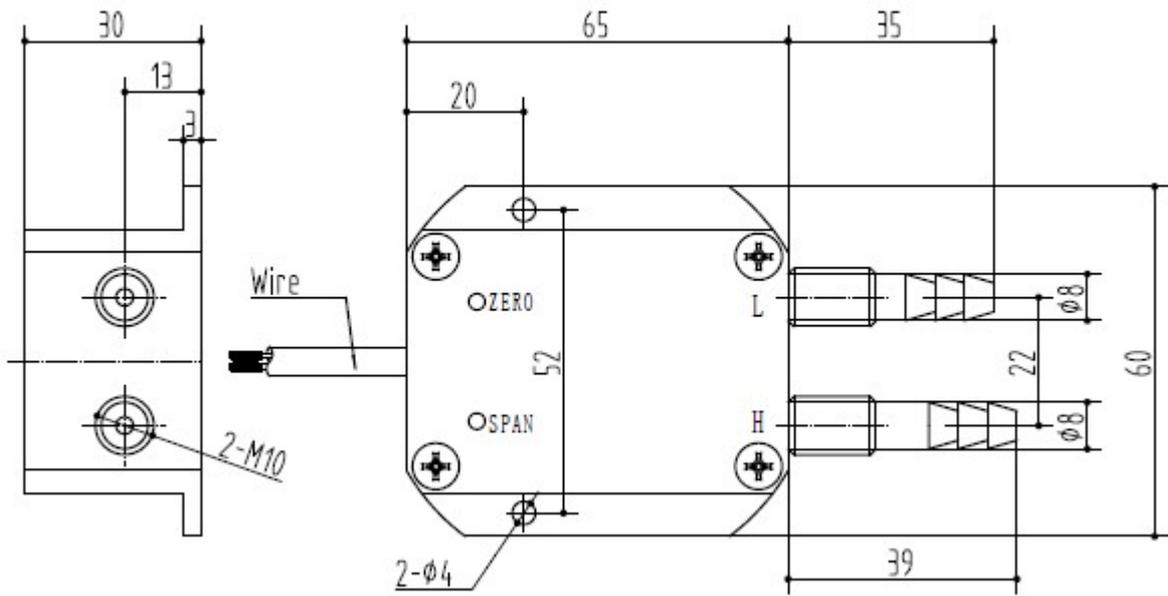
- Piezoresistive Pressure Chip Employed
- Air Measuring Only
- High Sensitivity
- MEMS Technology

WTR05 Differential Pressure Transmitter is a standard and most economic transmitter applied in air pressure measuring. A high sensitivity piezoresistive silicon pressure chip is employed in the transmitter.

Pressure range	
Pressure range	0 to 1Kpa to 100Kpa
Pressure reference	Differential Pressure
Overpressure	300%F.S.
Output signal	
Output	4 to 20 mA (typical)
Specification	
Accuracy (linearity, repeatability and hysteresis)	±0.5%F.S. (Typical)
Excitation	24V DC(typical)
Compensated temp.	0--50℃(Typical)
Operating Temp.	-20-85℃
Storage Temp.	-40-125℃
Zero Temp. Coefficient	±0.03%F.S./℃
Sensitivity Temp. Coefficient	±0.03%F.S./℃
Long term stability	<0.2%F.S./year
Weight	300g(approx.)
Pressure Connection	M12×1.5
Wire connection	red wire: +Excitation green wire: +output



Drawing



How to order

WTR05

xx -

xx -

xx

Pressure range

Please write directly

Excitation

E1: 5V DC

E2: 24V DC

Output signal

S1: 4 to 20mA

S2: 0.5 to 4.5V

S3: 1 to 5V

S4: 0 to 5V