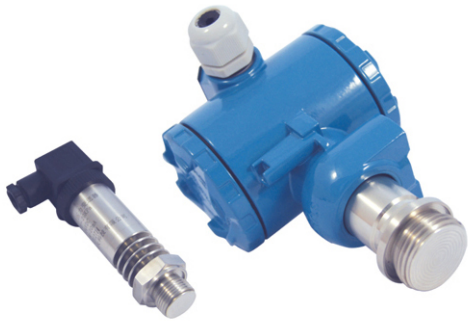


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## PCM350(WTR02) Flush Pressure Transmitter



- Sanitary application
- Without blockage in measuring
- Piezoresistive sensor employed
- MEMS technology
- CE certificate

PCM350(WTR02) pressure transmitter is designed for sanitary industry and clogging free application with flush diaphragm.

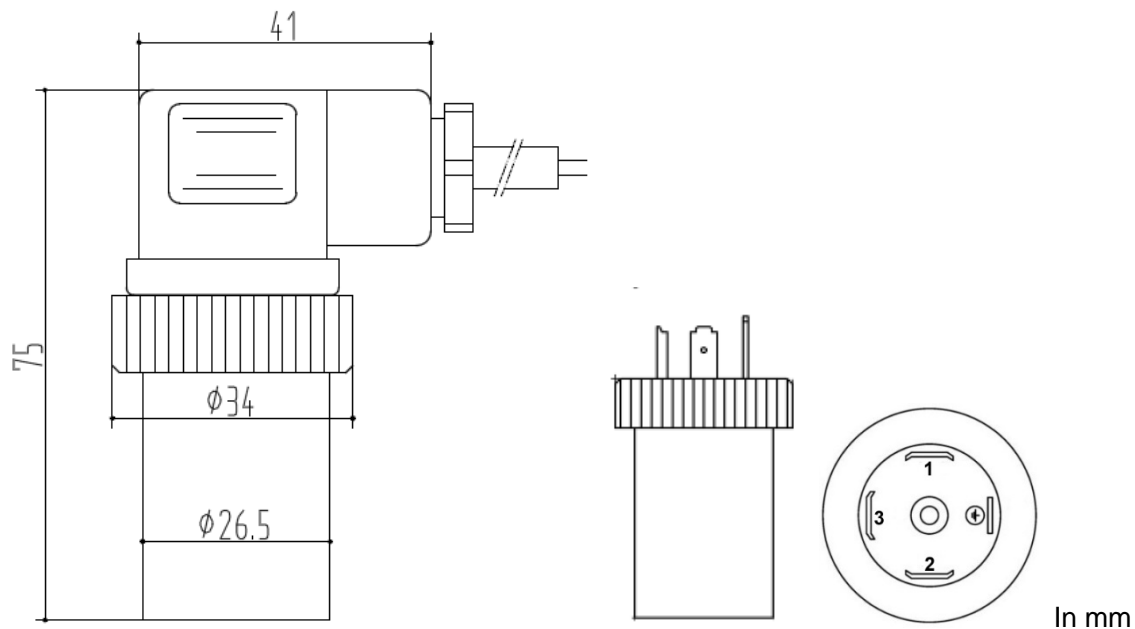
### Caution

1. Please do not touch the diaphragm by finger and other hard objects, or it may be damaged.
2. The sensor filled with olive oil is for sanitary application. It cannot work when the temperature is lower than 0°C, because the olive oil will freeze lower than 0°C.

CE

Pressure range	
Pressure range	-100Kpa, 10kPa, 35kPa, 70kPa, 100kPa, 250kPa, 400kPa, 600kPa, 1MPa, 1.6MPa, 2.5MPa, 4MPa, 6MPa, 10MPa
Pressure reference	Gauge pressure   Absolute pressure   Sealed gauge pressure
Overpressure	300%F.S.(≤70Kpa)   200%F.S.(<10Mpa)
Output signal	
Output	4 to 20mA   0.5 to 4.5V   1 to 5V   0 to 5V
Specification	
Accuracy (linearity, repeatability and hysteresis)	±0.5%F.S. (Typical)
Excitation	24VDC   5VDC
Compensated temp.	-10-70°C(typical)   -20-85 °C(available)
Operating temp.	-40-125°C
Storage temp.	-40-125°C
Zero temp. coefficient	±1.5%F.S.max.(-10-70° C)
Span temp. coefficient	±1.5%F.S.max.(-10-70° C)
Pressure connection	see last page "how to order"
Protection	IP65
Housing material	Stainless steel 304 (SS316 for sensor inside)
Long-term Stability	≤0.2%F.S./year
Weight	180g(approx)

Electrical connection (DIN 43650)



Hirschmann connection		
2 wire	Pin 1	Excitation+
	Pin 2	Output+
	Pin 3	Pending
3 wire	Pin 1	Excitation+
	Pin 2	Excitation-
	Pin 3	Output+

Electrical connection (DIN 43650)

Thread	M20×1.5	G1/2	G1
Dimension in mm Hex 27mm			
Code	A1	A2	A3

## How to order

PCM350(WTR02) XX—XX—XX—XX—XX—XX—XX—XX

### Pressure range

Please write directly

### Pressure reference

A: absolute pressure

G: gauge pressure

S: sealed gauge pressure

### 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

### Oil filling

F1: silicon oil

F2: olive oil

### Cooling fin

L1: without cooling element

L2: with cooling element

### Pressure connection

A1: M20\*1.5

A2: G1/2

A3: G1

A4: others (please specify)