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## PCM350K(WTR11) Sanitary Pressure Transmitter



- 1.5" and 2" Tri-Clamp connections
- 4 to 20mA 2-wire output, others available
- CE certificate

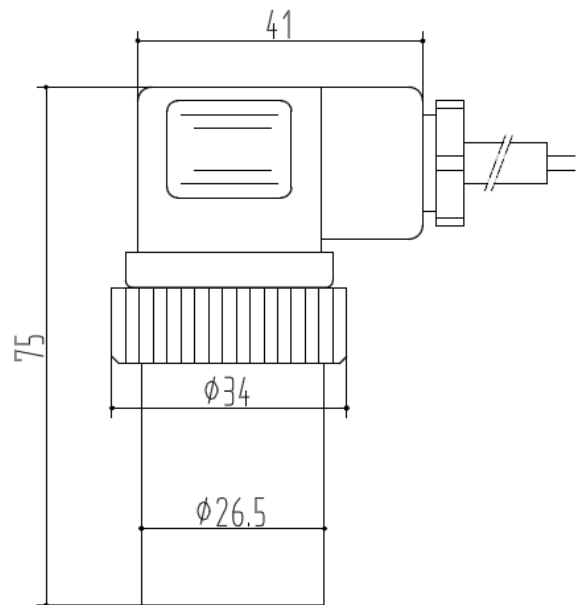
PCM350K(WTR11) meet the sanitary standard for pressure and level measurement in food, pharmaceutical, cosmetic, and beverage industries. It is designed for "clean in place"(CIP), and "sterilize in place" (SIP) maintenance

### Caution

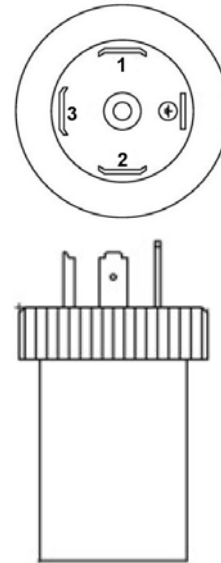
1. Please do not touch the diaphragm by finger and other hard objects, or it may be damaged
2. The sensor filled with olive oil is for sanitary application. It can't work when the temperature is lower than 0°C, because the olive oil will freeze lower than 0°C.
3. Tri-clamp size is determined by the outside diameter of the pipe, not the outside diameter of the ferrule.

Pressure	
Pressure Range	-100kPa, 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.( $\leq 70$ kPa)   200%F.S.( $\leq 10$ MPa)
Output Signal	
Output	4-20mA   0.5 to 4.5V
Performance	
Accuracy (including linearity, hysteresis and repeatability)	$\pm 0.5\%$ F.S. (Calibrated in vertical mounting position )
Excitation	24V   5V
Compensated Temp.	-20-85°C (typical)
Ambient Temp.	-20-85°C
Media Temp.	-40-125°C
Storage Temp.	-40-125°C
Zero Temp. Coefficient	$\pm 1.5\%$ F.S.max. ( -20-85°C)
Span Temp. Coefficient	$\pm 1.5\%$ F.S.max. ( -20-85°C)
Pressure port	see last page "how to order"
Protection	IP65
Housing material	Stainless steel 304 (SS316 for sensor inside)
Long-term Stability	$\leq 0.2\%$ F.S./year
Weight	280g(approx)

Electrical connection (DIN 43650)



In mm



<b>2 wire</b>	Pin 1	+Excitation
	Pin 2	+output
	Pin 3	pending

Pressure port

	1.5" TC	2" TC
Dimension in mm	<p>Technical drawing showing the pressure port for 1.5" TC. The drawing includes a side view of the port with dimensions: a height of 30.5 mm and a diameter of 50.5 mm.</p>	<p>Technical drawing showing the pressure port for 2" TC. The drawing includes a side view of the port with dimensions: a height of 30.5 mm and a diameter of 64 mm.</p>
Code	A1	A2

How to order

PCM350K

(WTR11)

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Pressure range

Please write directly

Pressure reference

A: absolute pressure

G: gauge pressure

S: sealed gauge pressure

Excitation

E1: 5V DC

E2: 24V DC

Accessory (Tri-clamp)

N1: without Tri-clamp accessory

N2: with Tri-clamp accessory

Oil filling

F1: silicon oil

F2: neobee m-20

Pressure connection

T1: 1.5"TC

T2: 2"TC

T3: others (please specify)

Output signal

S1: 4 to 20mA

S2: 0.5 to 4.5V

Accessory (Tri-clamp)



Note: the accessory is not included in the shipment except ordering.

