



Wastewater Level Transmitter

VersaLine VL2000 Series



- $\pm 0.25\%$ accuracy
- Ranges 10"WC-150 psi
- All welded 316L SS or Titanium
- Molded polyurethane cable
- 4-20 mA, 2-wire

The PMC VersaLine VL2000 Series submersible level transmitters are specifically designed for use in wastewater and pump/lift station applications. The ceramic sensing element provides a rugged flush open face design which avoids clogging or sludge build up from materials often encountered in wastewater. The stainless steel construction will satisfy most applications. Where chemical environments dictate an option of Titanium is available. The standard polyurethane vented cable is molded to the transmitter providing the highest integrity waterproof assembly well proven in thousands of installations worldwide. FEP cable is available as an alternate for harsh environments. A feature of the VL2000 Series is full scale ranges as low as 10" WC.

The VersaLine Series VL3000 and VL4000 offer similar performance with packaging suitable for deep well level measurements as well as sanitary flush designs for use in water and wastewater management, food and beverage, pulp and paper, and pharmaceutical applications. Please refer to appropriate data sheets.

STANDARD SPECIFICATIONS

■ Full Scale Ranges (Zero Based)

0-10, 20, 30, 50" WC

0-1, 5, 10, 15, 30, 50, 100 psig

Other ranges and pressure units can be specified

■ Accuracy

±0.25% FS (BSL)

Combined non-linearity, hysteresis & repeatability

■ Overpressure

For full scale ranges up to 20 psi - 10X

Above 20 to 150 psi-4X

■ Operating Temperature Range

-10° to +175° F (-20° to +80° C)

■ Compensated Temperature Range

30° to 85° F (-2° to +30° C)

■ Temperature Effects (Compensated)

±1.5 % TEB for ranges 5 psi and above

±2% TEB for ranges below 5 psi

■ Electrical

2-wire, 4-20 mA, 12-40 Vdc power

■ Cable

Polyurethane molded vented with Kevlar, 4 conductors

Contact factory for FEP cable

■ Housing

316L Stainless Steel or Titanium

■ Weight

7.6 oz. (excluding cable)

PMC adopts a continuous development program which sometimes necessitates specification changes without notice.

ORDERING INFORMATION

VersaLine VL2000 Series Wastewater Level Transmitter

When ordering please specify the following:

(1) Model number from table below

MODEL - Construction	
2	Open Face, Ceramic 1"
Housing Material	
1	316 Stainless Steel
2	Titanium
Electrical Connection	
1	Polyurethane molded cable
Electrical Configuration	
3	4-20 mA

2 1 1 3 Example Model Number

(2) Range, including engineering units

(3) Cable Length

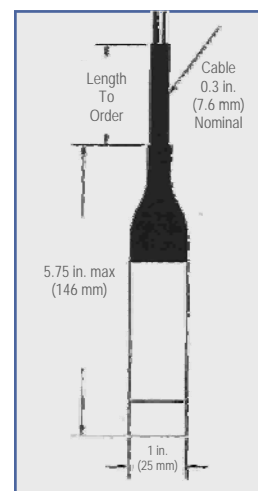
Example Ordering Format:

VL2113-30"WC-20'

OPTIONS

PMC offers a range of accessories and variants for depth and level transmitters.

Please contact the factory for further information.



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