

SEWAGE LIFT STATION KIT SLS01

The PMC VersaLine® **VL2000 Series** submersible level transmitters are specifically designed for use in wastewater, pump/lift station applications. The ceramic capacitive sensing element provides a rugged open face design which avoids clogging or sludge build up from the materials often encountered in wastewater. The stainless steel construction will satisfy most applications, but an option of Titanium is available where the chemical environments dictate. The Sink weight **SW2000** was developed specifically for the VL2000 Series. This provides a “cage” sink weight/anchor for transmitters installed on the bottom of wastewater or sewage lift tanks. PMC’s Termination Enclosure, **TE11**, houses the **MP11** Moisture Protection Reference Volume providing zero maintenance and also the **SP10** surge (lightning) protector for connection to the transmitter and external power/output source. The **CH10** Cable Hanger provides appropriate support for transmitters hanging in wells/tanks with even up to 5000’ of cable.

These components are now all available as a kit which can be ordered as the **SLS01**. The only additional information required would be the pressure range and length of cable between the VL2000 sensor and the TE11 Termination Enclosure.



Termination Enclosure **TE 11** incorporating the **MP 11** Moisture Protection and **SP 10** Surge Protector for connection to transmitter and external power/output source

Cable Hanger **CH 10** to provide support for transmitters hanging in wells with up to 5000’ of cable

VersaLine® **VL2000 Series** submersible level transmitter with open face design specifically for wastewater and pump/lift station applications. See separate data sheet VL2000

Sink Weight **SW 2000** provides a “cage” sink weight/anchor for transmitters installed on the bottom of wastewater or sewage lift tanks.

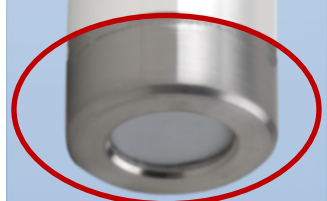
Process Measure Control

Features

- Open face, clog free
- 0.25% accuracy
- Ranges 2.5 - 150psig
- 316L SS
- 4-20mA, 2 wire
- CE

Applications

- Sewage Lift
- Water Level
- Waste Water
- Oceanography
- Ground Water



Contact

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

Your depth and level specialists for Ground, Surface, Sea and Waste Water

ORDERING INFORMATION

The following is required when ordering this item:

1. **SLS01** This includes a VL2113 Stainless Steel submersible open face level transmitter specifically designed for sewage lift stations and other applications where sensor clogging is potentially a problem. The standard accuracy of 0.25% will be supplied.

Note: For other variations please reference data sheet VL2000.






Also includes TE11, MP11, SP10, CH10, SW2000.

2. Pressure Range **must be specified** between 2.5psi and 150psi. i.e. 10psi or 15'WC etc.
3. Polyurethane cable length between sensor and TE11 termination box **must be specified**.

Example Ordering Format: SLS01 - 10 psi - 20' cable

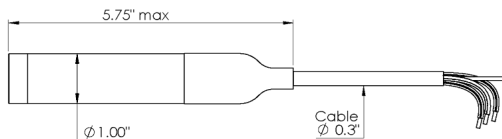
RELATED PRODUCTS

An extensive range of accessories is available including Sink Weights, Cable Hangers, and a unique method of avoiding water ingress through the breather tube for vented gauge transmitters. Also offered are Calibration Adaptors, Lightning Protection, and Cable Termination Boxes. Please see separate accessories data sheet detailing these items.

Termination Enclosure 	TE11 Cable Termination Enclosure is an exclusive PMC design which provides a maintenance free single termination solution with multiple options, including surge protection, LCD display and remote electronics.
Moisture Protection Reference Volume 	For vented gauge transmitters this provides total isolation of the vent tube from atmosphere by utilization of a custom bladder which changes volume with barometric pressure. Maintenance free. Please specify MP11.
Surge Protector (Lightning Arrestor) 	This DIN rail mounted surge protector is designed to protect PMC transmitters to a maximum discharge current of 20 kA. The module mounts within the TE10 or TE11 Dri-Box Termination Enclosure and must be ordered at the same time. Please specify SP10.
Cable Hanger 	This versatile hanger can be installed after the cable termination has been made and provides an appropriate support for transmitters hanging in wells with up to 5000' of cable. Please specify CH10.
Sink Weight-VL2000 Series 	This provides a "cage" sink weight/anchor for transmitters installed on the bottom of wastewater or sewage lift tanks. 4" high x 4" dia. and approximately 6 lbs. Must be ordered together with VL2000. Please specify SW2000.

MECHANICAL DETAILS

Dimensions in inches



Contact the factory for dimensions of related products

ELECTRICAL DETAILS

Configuration	+V Supply	0V Supply	Ground
4-20mA	Red	Black	Green

Process Measure Control

Sensors for

- Pressure
- Level
- Vacuum
- Humidity
- Temperature
- Force
- Position

Accessories

PMC offers a range of Accessories and variants for depth and level transmitters. Reference separate data sheet.

- Termination Enclosure
- Cable Hanger
- Moisture Protection
- Calibration Adaptor
- Sink Weights
- Level Meters

PMC is

- Engineering Driven
- Confidential
- Experienced
- Responsive
- Dynamic
- Friendly

Your depth and level specialists for Ground, Surface, Sea and Waste Water