



Accessories for Depth/Level Transmitters

VersaLine Series



- Dri-Box Termination Enclosure
- Cable Hanger
- Surge Protection - Lightning Arrestor
- Moisture Protection
- Calibration Adaptor
- Sink Weights

The **PMC selection of accessories** and options enhance the use of VersaLine submersible depth/level pressure transmitters. These options are designed to aid in the installation of the transmitters and ensure the best reliability is achieved. PMC has more than 20 years experience with the applications of submersible pressure transmitters in both wastewater and groundwater in deep wells and surface water. Accessories such as the termination enclosure, surge protection, cable hanger, sink weights, and various moisture protection features have proved invaluable to the long term reliability expected from the transmitters. Custom designed cable incorporating Kevlar strain relief, venting and other features is available in both polyurethane and FEP construction.

The **VersaLine VL2000** features a sanitary flush design specifically for use in wastewater management and avoids clogging from solids build-up on the transmitter. **The VL 3000 and 4000** have been designed for the long term monitoring of depth and level in deep wells, rivers, reservoirs and other applications involving surface water. The titanium construction is especially valuable for oceanographic applications where the construction is unaffected by salt water environments. Please refer to appropriate data sheets.



ACCESSORIES

■ Dri-Box Termination Enclosure

This provides a polycarbonate NEMA 4X rated termination enclosure for vented pressure transmitters. Separate gland nuts are incorporated for the electrical input and output and the PMC breather vent provides barometric reference without ingress of water. A field replaceable desiccant module features a moisture status indicator visible through the clear cover.

Please specify TE 10

See photo on front page

■ Dri-Box Desiccant Module

Replacement desiccant module for the Dri-Box Termination Enclosure

Please specify DM 10

■ Breather Vent Fitting

Replacement vent for Dri-Box Termination Enclosure

Please specify VF/SS

■ Cable Hanger

This versatile hanger can be installed after the cable termination has been made and provides an appropriate support for transmitters hanging in a well.

Please specify CH 10

See photo on front page

■ 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 Dri-Box Termination Enclosure and must be ordered at the same time.

Please specify SP 10

See photo on front page

■ Moisture Protection Vent Filter

For vented gauge transmitters this provides an inline 6" x 3/4" diameter tube incorporating a desiccant which changes color when maintenance is required. Maintenance generally not required for 12 months.

Please specify MP 10

■ Moisture Protection Reference Volume

For vented gauge transmitters this provides total isolation of the vent tube from atmosphere by using a 3" diameter Mylar sphere which changes volume with barometric pressure. Maintenance free.

Please specify MP 11

See photo on front page

■ Sink Weight - VL3000/4000 Series

This provides an extension to the nose cone for deep well installations where the transmitter weight needs to be increased. 1" or 3/4" diameter, approximately 1 lb.

Please specify SW 3000 (for VL3000)

SW 4000 (for VL4000)

ACCESSORIES CONTINUED

■ Sink Weight - VL2000 Series

This provides a "cage" sink weight/anchor for transmitters installed on the bottom of wastewater tanks. 4" high x 4" diameter and approximately 3 lbs. Must be ordered together with VL2000.

Please specify SW 2000

See photo on front page

■ Calibration Adaptors

These provide a push-on adaptor to 1/4" NPT Female for pressure calibration. Suitable up to 30 psi. For higher pressures consult the factory.

Please specify CA 10 (for VL2000/3000)

■ Nose Cone

Delrin push-on nose cone for the VL2000 Series provides large orifices to accommodate flow. 1.2" diameter.

Please specify NC 2000 (for VL2000)

Replacement nose cone.

Please specify NC 3000 (for VL3000)

NC 4000 (for VL4000)

■ Polyurethane cable

Incorporated as standard on all VersaLine depth/level transmitters. The custom designed .29" diameter polyurethane sheathed cable incorporates 4 x 24 AWG conductors, vent tube and Kevlar strain relief with minimum breaking strength of 200 lbs. Single lengths up to 5000 feet available and supplied with the VL Series transmitters.

Please specify when ordering VL Series

■ FEP Cable

Available as an option on all VersaLine transmitters. The specification is identical to the polyurethane cable except the outer sheath is FEP. This has been selected for its flexibility, durability and chemical compatibility as an upgrade to previously used Tefzel. Supplied with the VL Series transmitters.

Please specify when ordering VL Series

ADDITIONAL INFORMATION

This data sheet provides brief information on the accessories available. For further information including detailed dimensions, installation procedures, etc., please consult the factory.

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

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