

## Advantages of Magnetic Flowmeters

- Zero, or low pressure drop
- Accuracy  $\geq 0.5\%$
- Low power consumption and battery powered options
- Bi-directional flow measurement
- Self-diagnostics
- Very low & high flow range measurement
- Many electrode and liner materials are available
- Flow rate & Total flow indication
- Multiple outputs & digital communications
- Wide size range with many connection types: Flanged, Wafer & Threaded.
- Very economical

There are many variations of magnetic flowmeters on the market today. We provide magnetic flowmeter sales, parts and service for ALIA, Inc. and SIKA right here in Florida.



*“There are two things that are important to me, when working with suppliers: quality and support. ...”*

***Celebrating our 2nd anniversary serving Florida - Thank you!***



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## Monitoring and management – the easier, more cost-efficient, and more flexible way

A municipality decided to install the PR electronics model 4116 universal transmitter for water level monitoring at individual stations. They needed a transmitter that would isolate the signal and could be used to program pumps as well as indicate relay failure for each installation. The 4116 offered these functionalities.

In addition, the 4116 was chosen for easy installation into the existing cabinets, the five-year warranty, simple programming, and fair price.



### Remote access to the installations provides better information and more flexible monitoring.

The lift stations are controlled by a PLC. After installing 4511 communication enablers and connecting via Modbus, the team can now monitor the water level locally & remotely.

“ Before we had no remote information about the water level in the stations – only the modules in the cabinets could provide this. Now, without wiring, we have remote access to the data transmitted by the 4116 and we can program the modules as well. We have also saved on installation costs as one of the relays provides information twice – for PLC Monitoring as well as for the back-up system in case the SCADA fails. If the 4116 wasn't able to perform two tasks, it would have been necessary to install two modules instead of one.”

Overall, the PR modules have made it easier for the team to manage the stations.

“Now we can monitor the water level in all the stations – and the fact that we can now remotely monitor them gives us more flexibility and better management of the stations,”

[Click HERE](#) for information on the PRelectronics 4116 Universal Transmitter



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## Contact Us

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Volition Controls Corp – Process Measurement & Control Solutions