

Flow Computers, Data Loggers & Controllers



Add advanced computing and control capabilities to all Proteus flow meters!

- ★ **MONITOR & DISPLAY** instantaneous and total flow
 - ▶ Flow, temperature *and* pressure can be monitored with FluidVision™ 4000 instruments
- ★ **CONTROL** other devices to react at programmed action levels
- ★ **COMMUNICATE** the system status to local or remote computers

- ★ **MULTI-CHANNEL** units provide up to 8 input/output channels
- ★ **BATCH CONTROL** for accurate dispensing available in all versions
- ★ **MULTIPLE ALARMS** enabled by user-selected trigger levels
- ★ **DATA LOGGING** software available

Florite International, Inc.
~ *Flow Process Control Specialists*

Developed to manage the special needs of flow measurement and control engineers, these flexible and reliable flow computers can be easily adapted to your unique application.

Combining the powerful computing capability of a Florite computer with the rugged sensitivity of a Proteus flow meter creates a powerful and cost-effective 'one-stop' solution for your control, monitoring, batching or dispensing challenges.

Add a multi-channel controller to the unique flow, temperature and pressure measurement capabilities of FluidVision™ instruments and achieve instant access to the vital signs of your flow system!





One-Stop Shopping for Flow Control Solutions

1. Identify the flow meter type you are using or wish to use for your application.
2. Identify your control and monitoring requirements:

Number of Inputs	1	2 - 6	> 6
Number of Outputs	1	2 - 6	> 6
Communication	RS-232C	Modem	LWAN
Data Logging	Internal	Real-Time Clock	
Control Process	Batch	Dose	PID
Power	24 VDC		110 VAC
Data Acquisition Software	YES		NO

3. Contact Proteus Technical Support at (650) 964-4163 or tech@proteusind.com with your requirements.

Capabilities Summary

<p>OD750 Series</p> 	<p>Use with: Proteus 6000 Series Flow Meters</p> <p>Typical Applications: Data monitoring of a single sensor, Multiple trip point control from a single relay</p> <table border="1" data-bbox="561 275 1507 380"> <thead> <tr> <th>Model</th> <th>Inputs</th> <th>Input Type</th> <th>Output</th> <th>Communication</th> </tr> </thead> <tbody> <tr> <td>OD750B0</td> <td>1</td> <td>Digital / Pulse</td> <td>None</td> <td>RS-232C</td> </tr> <tr> <td>OD750B4</td> <td>1</td> <td>Digital / Pulse</td> <td>Relay</td> <td>RS-232C</td> </tr> </tbody> </table>	Model	Inputs	Input Type	Output	Communication	OD750B0	1	Digital / Pulse	None	RS-232C	OD750B4	1	Digital / Pulse	Relay	RS-232C																																												
Model	Inputs	Input Type	Output	Communication																																																								
OD750B0	1	Digital / Pulse	None	RS-232C																																																								
OD750B4	1	Digital / Pulse	Relay	RS-232C																																																								
<p>OD920 Series</p> 	<p>Use with: Proteus 6000 Series Flow Meters</p> <p>Typical Applications: Data logging from a single sensor, Batch control, Dosing, Scaling of digital input to 4-20 mA or 0-5 VDC</p> <table border="1" data-bbox="565 535 1503 772"> <thead> <tr> <th>Model</th> <th>Inputs</th> <th>Input Type</th> <th>Output</th> <th>Communication</th> <th>Data Logger</th> </tr> </thead> <tbody> <tr> <td>OD920B0</td> <td>1</td> <td>Digital / Pulse</td> <td>None</td> <td>RS-232C</td> <td>No</td> </tr> <tr> <td>OD920B2-DL</td> <td>1</td> <td>Digital / Pulse</td> <td>None</td> <td>RS-232C</td> <td>Yes</td> </tr> <tr> <td>OD920B4</td> <td>1</td> <td>Digital / Pulse</td> <td>4-20 mA</td> <td>RS-232C</td> <td>No</td> </tr> <tr> <td>OD920B4-DL</td> <td>1</td> <td>Digital / Pulse</td> <td>4-20 mA</td> <td>RS-232C</td> <td>Yes</td> </tr> <tr> <td>OD920B5</td> <td>1</td> <td>Digital / Pulse</td> <td>0-5 VDC</td> <td>RS-232C</td> <td>No</td> </tr> <tr> <td>OD920B5-DL</td> <td>1</td> <td>Digital / Pulse</td> <td>0-5 VDC</td> <td>RS-232C</td> <td>Yes</td> </tr> </tbody> </table>	Model	Inputs	Input Type	Output	Communication	Data Logger	OD920B0	1	Digital / Pulse	None	RS-232C	No	OD920B2-DL	1	Digital / Pulse	None	RS-232C	Yes	OD920B4	1	Digital / Pulse	4-20 mA	RS-232C	No	OD920B4-DL	1	Digital / Pulse	4-20 mA	RS-232C	Yes	OD920B5	1	Digital / Pulse	0-5 VDC	RS-232C	No	OD920B5-DL	1	Digital / Pulse	0-5 VDC	RS-232C	Yes																	
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OD920B0	1	Digital / Pulse	None	RS-232C	No																																																							
OD920B2-DL	1	Digital / Pulse	None	RS-232C	Yes																																																							
OD920B4	1	Digital / Pulse	4-20 mA	RS-232C	No																																																							
OD920B4-DL	1	Digital / Pulse	4-20 mA	RS-232C	Yes																																																							
OD920B5	1	Digital / Pulse	0-5 VDC	RS-232C	No																																																							
OD920B5-DL	1	Digital / Pulse	0-5 VDC	RS-232C	Yes																																																							
<p>OD990 Series</p> 	<p>Use with: Proteus 6000, FluidVision™ 4000, 200, 500 & 800 Series Flow Meters</p> <p>Typical Applications: Multi-channel process monitoring & control, PID control, Data logging of multiple sensors with different inputs, Multiple trip point control to multiple outputs</p> <table border="1" data-bbox="565 961 1503 1339"> <thead> <tr> <th>Model</th> <th>Inputs</th> <th>Input Type</th> <th>Outputs</th> <th>Communication</th> <th>Data Logger</th> </tr> </thead> <tbody> <tr> <td>OD99022</td> <td>2</td> <td rowspan="4">Digital / Pulse</td> <td>2</td> <td>RS-232C</td> <td>No</td> </tr> <tr> <td>OD99022-DL</td> <td>2</td> <td>2</td> <td>RS-232C</td> <td>Yes</td> </tr> <tr> <td>OD99032</td> <td>3</td> <td>2</td> <td>RS-232C</td> <td>No</td> </tr> <tr> <td>OD99032-DL</td> <td>3</td> <td>2</td> <td>RS-232C</td> <td>Yes</td> </tr> <tr> <td>OD99042</td> <td>4</td> <td rowspan="2">4-20 mA</td> <td>2</td> <td>RS-232C</td> <td>No</td> </tr> <tr> <td>OD99042-DL</td> <td>4</td> <td>2</td> <td>RS-232C</td> <td>Yes</td> </tr> <tr> <td>OD99051</td> <td>5</td> <td rowspan="4">0-10 VDC</td> <td>1</td> <td>RS-232C</td> <td>No</td> </tr> <tr> <td>OD99051-DL</td> <td>5</td> <td>1</td> <td>RS-232C</td> <td>Yes</td> </tr> <tr> <td>OD99060</td> <td>6</td> <td>0</td> <td>RS-232C</td> <td>No</td> </tr> <tr> <td>OD99060-DL</td> <td>6</td> <td>0</td> <td>RS-232C</td> <td>Yes</td> </tr> </tbody> </table>	Model	Inputs	Input Type	Outputs	Communication	Data Logger	OD99022	2	Digital / Pulse	2	RS-232C	No	OD99022-DL	2	2	RS-232C	Yes	OD99032	3	2	RS-232C	No	OD99032-DL	3	2	RS-232C	Yes	OD99042	4	4-20 mA	2	RS-232C	No	OD99042-DL	4	2	RS-232C	Yes	OD99051	5	0-10 VDC	1	RS-232C	No	OD99051-DL	5	1	RS-232C	Yes	OD99060	6	0	RS-232C	No	OD99060-DL	6	0	RS-232C	Yes
Model	Inputs	Input Type	Outputs	Communication	Data Logger																																																							
OD99022	2	Digital / Pulse	2	RS-232C	No																																																							
OD99022-DL	2		2	RS-232C	Yes																																																							
OD99032	3		2	RS-232C	No																																																							
OD99032-DL	3		2	RS-232C	Yes																																																							
OD99042	4	4-20 mA	2	RS-232C	No																																																							
OD99042-DL	4		2	RS-232C	Yes																																																							
OD99051	5	0-10 VDC	1	RS-232C	No																																																							
OD99051-DL	5		1	RS-232C	Yes																																																							
OD99060	6		0	RS-232C	No																																																							
OD99060-DL	6		0	RS-232C	Yes																																																							
<p>OD994 Series</p> 	<p>Use with: Proteus 6000, FluidVision™ 4000, 200, 500, 800 Series Flow Meters</p> <p>Typical Applications: Multi-channel process monitoring & control, PID control, Data logging of multiple sensors with different inputs, Multiple trip point control to multiple outputs</p> <table border="1" data-bbox="565 1522 1503 1829"> <thead> <tr> <th>Model</th> <th>Inputs</th> <th>Input Type</th> <th>Outputs</th> <th>Communication</th> <th>Data Logger</th> </tr> </thead> <tbody> <tr> <td>OD99421</td> <td>2</td> <td rowspan="4">Digital / Pulse</td> <td>1</td> <td>RS-232C</td> <td>No</td> </tr> <tr> <td>OD99421-DL</td> <td>2</td> <td>1</td> <td>RS-232C</td> <td>Yes</td> </tr> <tr> <td>OD99422</td> <td>2</td> <td>2</td> <td>RS-232C</td> <td>No</td> </tr> <tr> <td>OD99422-DL</td> <td>2</td> <td>2</td> <td>RS-232C</td> <td>Yes</td> </tr> <tr> <td>OD99431</td> <td>3</td> <td rowspan="2">4-20 mA</td> <td>1</td> <td>RS-232C</td> <td>No</td> </tr> <tr> <td>OD99431-DL</td> <td>3</td> <td>1</td> <td>RS-232C</td> <td>Yes</td> </tr> <tr> <td>OD99440</td> <td>4</td> <td rowspan="2">0-10 VDC</td> <td>0</td> <td>RS-232C</td> <td>No</td> </tr> <tr> <td>OD99440-DL</td> <td>4</td> <td>0</td> <td>RS-232C</td> <td>Yes</td> </tr> </tbody> </table>	Model	Inputs	Input Type	Outputs	Communication	Data Logger	OD99421	2	Digital / Pulse	1	RS-232C	No	OD99421-DL	2	1	RS-232C	Yes	OD99422	2	2	RS-232C	No	OD99422-DL	2	2	RS-232C	Yes	OD99431	3	4-20 mA	1	RS-232C	No	OD99431-DL	3	1	RS-232C	Yes	OD99440	4	0-10 VDC	0	RS-232C	No	OD99440-DL	4	0	RS-232C	Yes										
Model	Inputs	Input Type	Outputs	Communication	Data Logger																																																							
OD99421	2	Digital / Pulse	1	RS-232C	No																																																							
OD99421-DL	2		1	RS-232C	Yes																																																							
OD99422	2		2	RS-232C	No																																																							
OD99422-DL	2		2	RS-232C	Yes																																																							
OD99431	3	4-20 mA	1	RS-232C	No																																																							
OD99431-DL	3		1	RS-232C	Yes																																																							
OD99440	4	0-10 VDC	0	RS-232C	No																																																							
OD99440-DL	4		0	RS-232C	Yes																																																							