

Flow Integral Systems with 9900 Transmitter

Member of the SmartPro® Family of Instruments



Signet has combined the 9900 SmartPro® Transmitter with the 515/8510 and 2536/8512 Paddlewheel Flow sensors to create integral systems that are easy to order and simple to install. Integral systems are also available in conductivity, level, temperature, and pressure configurations.

Each integral system features a 9900 Transmitter which provides a local and easy to read LCD display. The push button keypad makes it easy to navigate through the transmitter's menu. The DC-powered 9900 features a scalable 4 to 20 mA output and open collector for process control.

Flow Integral Systems with 9900 Transmitters are combined with Signet's field-proven Models 515/8510 and 2536/8512. These sensors reliably perform in flow ranges from 0.3 to 6 m/s (1 to 20 ft/s) and 0.1 to 6 m/s (0.3 to 20 ft/s) respectively for pipe sizes from ½ to 8 inches. They are available in a variety of materials including polypropylene and PVDF and are easily mounted in the pipe using Signet's comprehensive line of standard fittings.

Features

- Local display for sensor mounted instruments
- Provides 4 to 20 mA output
- "At a glance" visibility
- "Dial-type" digital bar graph
- NEMA 4X/IP65



Applications

- RO/DI System Control
- Cooling Tower Control
- Water Quality Monitoring
- Filtration Systems
- Chemical Production
- Liquid Delivery Systems
- Pump Protection
- Scrubber Systems
- Semiconductor Water Production

System Overview

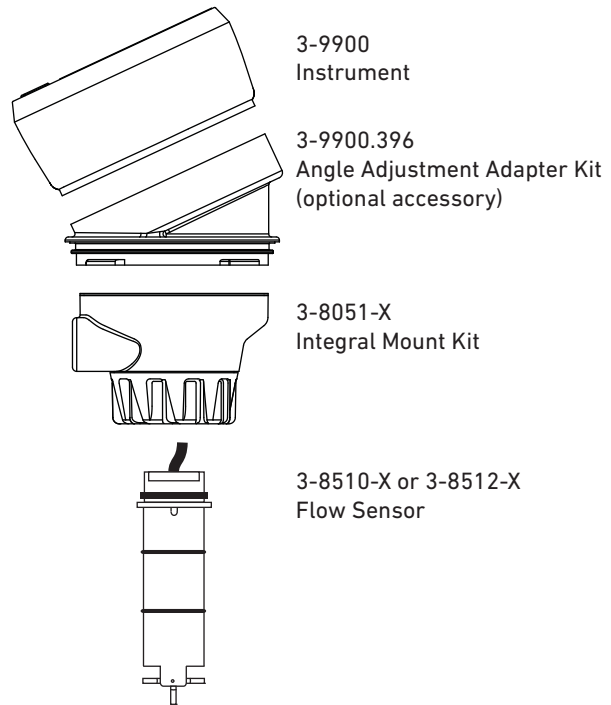
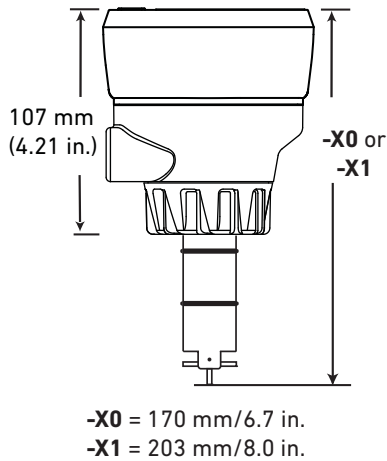


Refer to Models 515/8510, 2536/8512 and 9900 technical specifications for more details on these products.

Specifications

See individual product pages for more information.

Dimensions

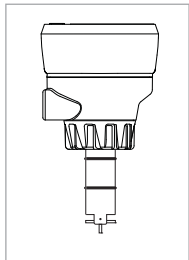


Ordering Notes

Integral Mounts are available with all parts conveniently assembled (transmitter, sensor, and mounting kit). Alternatively, all three parts can be purchased separately. See individual transmitter and sensor pages for more information.

Only available in Europe.

Ordering Information



Mfr. Part No. /Code	Instrument + Sensor	Pipe Size	Sensor Body Material	Sensor Rotor/Pin Material
159 001 733	3-9900-1 w/ 3-8510-P0	½ to 4 in.	Polypropylene	Black PVDF/Titanium
159 001 734	3-9900-1 w/ 3-8510-H0	½ to 4 in.	Polypropylene	Black PVDF/Hastelloy-C
159 001 735	3-9900-1 w/ 3-8510-S0	½ to 4 in.	Polypropylene	Black PVDF/Natural PVDF
Special order via DZS	3-9900-1 w/ 3-8510-V0	½ to 4 in.	Natural PVDF	Natural PVDF/Hastelloy-C
159 001 736	3-9900-1 w/ 3-8510-T0	½ to 4 in.	Natural PVDF	Natural PVDF/Natural PVDF
159 001 737	3-9900-1 w/ 3-8510-P1	5 to 8 in.	Polypropylene	Black PVDF/Titanium
159 001 738	3-9900-1 w/ 3-8512-P0	½ to 4 in.	Polypropylene	Black PVDF/Titanium
159 001 739	3-9900-1 w/ 3-8512-H0	½ to 4 in.	Polypropylene	Black PVDF/Hastelloy-C
159 001 740	3-9900-1 w/ 3-8512-S0	½ to 4 in.	Polypropylene	Black PVDF/Natural PVDF
159 001 741	3-9900-1 w/ 3-8512-V0	½ to 4 in.	Natural PVDF	Natural PVDF/Hastelloy-C
159 001 742	3-9900-1 w/ 3-8512-T0	½ to 4 in.	Natural PVDF	Natural PVDF/Natural PVDF
159 001 743	3-9900-1 w/ 3-8512-P1	5 to 8 in.	Polypropylene	Black PVDF/Titanium

Accessories

Mfr. Part No.	Code	Description
3-9900.396	159 001 701	Angle adjustment adapter kit
3-0252	159 001 808	Configuration Tool

Please refer to Wiring, Installation, and Accessories sections for more information.

3-9900-8510.099 Rev C (02/16)

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