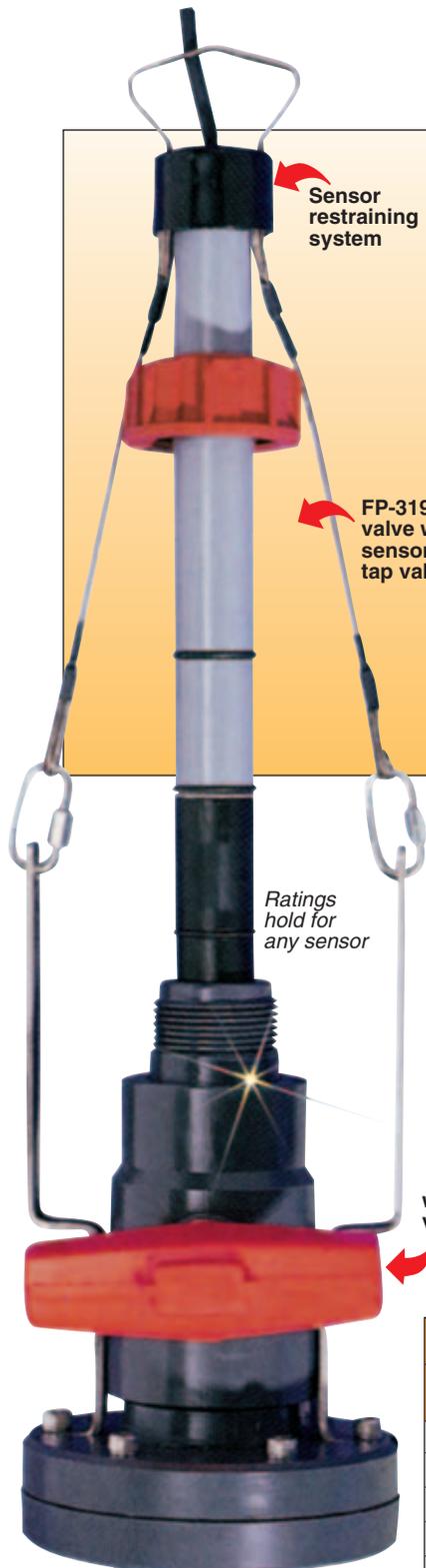


# THE DOWNTIME ELIMINATOR: WET TAP VALVE ASSEMBLIES



Sensor restraining system

FP-319  
**\$499**  
 Wet Tap Valve Assembly



FP-3194, \$927, wet tap valve with FP-5301 included sensor. FP-319, \$499 wet tap valve sold separately.

Shown smaller than actual size

Ratings hold for any sensor

wet tap valve



FP-3194, \$927, wet tap assembly system shown with FP-5360GI fitting, \$267, see page F-40.

You can completely eliminate downtime resulting from flow sensor maintenance with the simple addition of OMEGA's FP-319 Wet Tap Valve Assembly. The FP-319 serves as a unique interface between your OMEGA sensor and matched sensor installation fitting. It provides you with a safe and fast method of removing a specially extended sensor from your pipe, under normal operating pressures. Additionally, the molded PVC design of the Wet Tap Assembly makes it resistant to corrosion and chemical attack by acids, alkalis, salt solutions, and many other harsh chemicals. When ordering the Wet Tap Assembly, you can choose from two OMEGA flow sensor models. The Paddlewheel Flow Sensor features a patented "open-cell" rotor, resulting in  $\pm 1\%$  linearity over the full flow range.

## SPECIFICATIONS

**Pressure Rating:** 100 psig max @ 20°C (68°F)

**Temperature Rating:** 60°C (140°F) @ 25 psig

**Recommended Installation/Removal Pressure:** 25 psig @ 22°C (72°F) max

**Weight:** 1.8 kg (4 lb)

**AVAILABLE FOR FAST DELIVERY!**

## To Order (Specify Model Number)

Model No.	Price	Included Sensor	Assembly Material	Housing Material	Shaft Material	Rotor Material	Pipe Size (in)
FP-319	\$499	None	Wet-tap valve assembly				
FP-3193	885	FP-5300	PVC	Polypropylene	Titanium	Black PVDF	0.5 to 4
FP-3194	927	FP-5301	PVC	Polypropylene	Titanium	Black PVDF	5 to 8
FP-3195	973	FP-5302	PVC	Polypropylene	Titanium	Black PVDF	10 to 36
FP-3196	941	FP-5600	PVC	Polypropylene	Titanium	Black PVDF	0.5 to 4
FP-3197	979	FP-5601	PVC	Polypropylene	Titanium	Black PVDF	5 to 8
FP-3198	1026	FP-5602	PVC	Polypropylene	Titanium	Black PVDF	10 to 36

Comes complete with operator's manual. FP-5300 sensor and FP-5600 sensor are physically interchangeable. They are not electrically interchangeable. The FP-5300 sensor is self-powered and can be used with all OMEGA® offered paddlewheels. The minimum flow rate is 1 FPS. The FP-5600 is a low flow Hall Effect sensor paddlewheel. The FP-5600 sensor has a minimum flow rate of 0.3 FPS and requires DC voltage.

**Ordering Examples:** FP-319, wet-tap valve assembly, \$499.

FP-3194, 5 to 8" pipes wet tap assembly includes wet tap FP-5301, sensor, \$927.

The FP-3194, \$927, wet tap valve assembly does not include pipe installation fitting. Visit [omega.com/fp\\_fittings](http://omega.com/fp_fittings)

Recommended Reference Book:  
 Fluid Flow Measurement,  
**PE-1355, \$66.**  
 See Section Y for  
 Additional Books



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