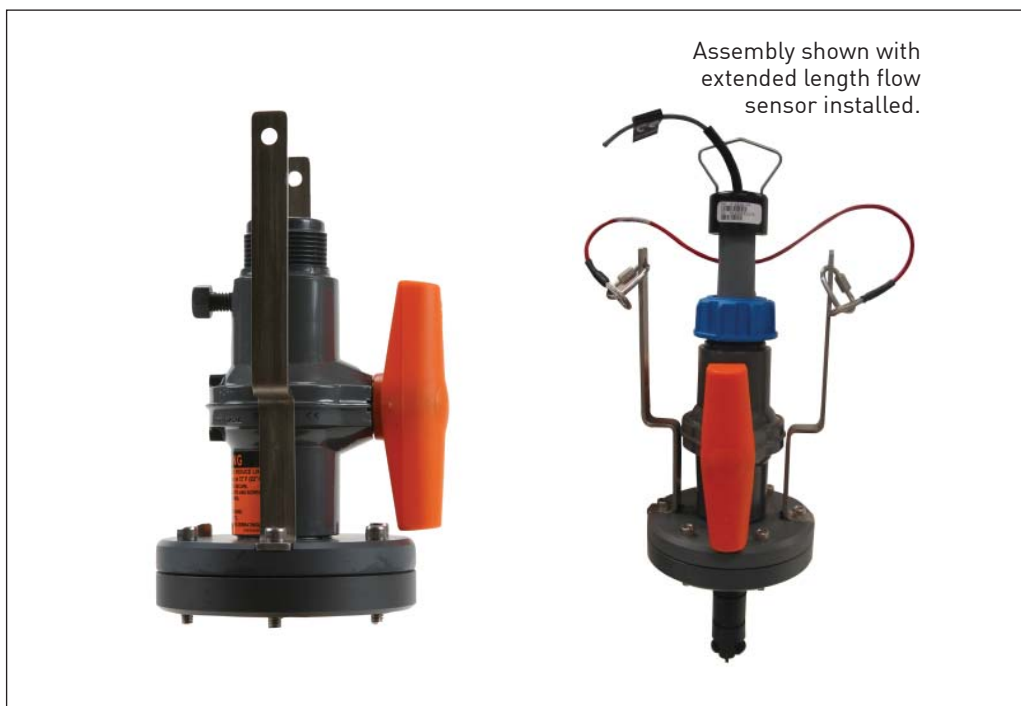


Signet 3519 Flow Wet-Tap Valve



Description

The Signet 3519 Flow Wet-Tap Valve serves as a unique interface between the installation fitting and the wet-tap style Signet 515 or 2536 Rotor-X flow sensor. It provides a fast method of removing the sensor from the pipe under specified operating pressures. The PVC and stainless steel design of the Wet-Tap makes it resistant to corrosion and chemical attack by acids, alkalies, salt, and a number of other harsh chemicals.

The Signet 3519 Wet-Tap Valve mounts directly onto standard Signet installation fittings. The 3519 Wet-Tap consists of a flange and support plate that threads onto the pipe fitting insert, and a PVC ball valve through which an extended length sensor is inserted into the pipe.






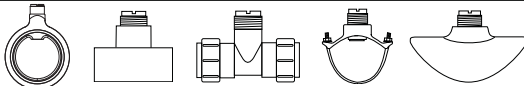
Features

- Allows sensor removal without process shutdown
- Pressure release valve for safe sensor removal
- Dual safety lanyards
- Rugged corrosion-resistant PVC construction and stainless steel hardware
- Compatible with Signet 515 or 2536 Rotor-X Wet-Tap Flow Sensors
- Eliminates process downtime

Applications

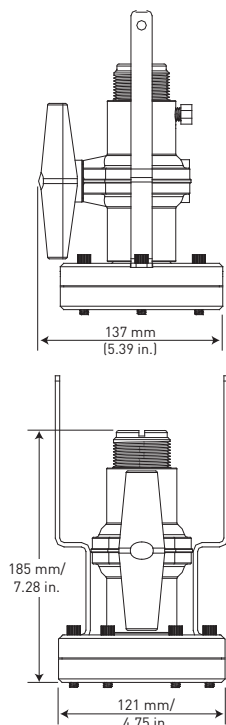
- Filtration Systems
- Chemical Production
- Pump Protection
- Scrubbers
- Water Distribution
- Effluent Totalization
- Process Cooling Loops

System Overview

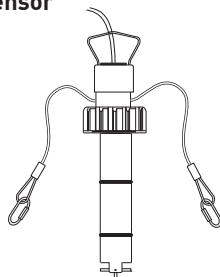
Panel Mount Signet Flow Instrument (sold separately) 	Pipe, Tank, Wall Mount Signet Flow Instrument (sold separately)  Signet Universal Adapter Kit (3-8050) (sold separately) 
Signet Wet-Tap Mount Flow Sensor (sold separately) 515 2536   Signet 3519 Flow Wet-Tap Valve	
Signet Fittings* (sold separately) 	

*See Fittings section for more information.

Dimensions



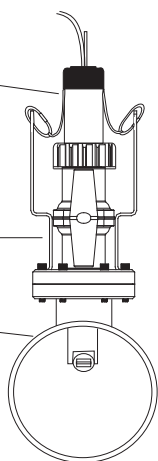
Model 515 or 2536 Wet-Tap Sensor



Signet 515/2536
Extended Flow
Sensor

Signet 3519
Wet-Tap
Assembly

Signet Pipe
Fitting



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

Specifications

General

Body: PVC
Ball Seat: PTFE
Seals: FPM (std) or EPR (EPDM)
also available, contact
factory
Hardware: 302/304SS (brackets),
18/8SS (nuts & bolts)

Shipping Weight 1.3 kg 2.86 lb

Standards & Approvals

- Manufactured under ISO 9001 for Quality and ISO 14001 for Environmental Management

See Temperature and Pressure graphs for more information.

Max. Pressure/Temperature Rating

- 7 bar max. @ 20 °C
(100 psi max. @ 68 °F)
- 1.4 bar max. @ 66 °C
(20 psi max. @ 150 °F)

Wet-Tap Maximum Installation/Removal

Rating:
1.7 bar @ 22 °C (25 psi @ 72 °F)

Application Tips

- Once installed, sensor insertion and removal can be performed without process shutdown; see installation/removal pressure specifications page.
- Use the Conduit Adapter Kit when used in outdoor environments. See Accessories section.
- For liquids containing ferrous particles, use Signet Magmeters.
- Use sensors with sleeved rotors in abrasive liquids to reduce wear.
- For systems with components of more than one material, maximum temperature and pressure specifications must always be referenced to the component with the lowest rating.

Ordering Information

Part Number		
3-3519	Wet-Tap Valve for 515 and 2536 Wet-Tap flow sensors	
	Flow Range	
	N/C	Valve only
	515-P3*	Valve with Model 515 sensor for ½ to 4 inch pipes
	515-P4*	Valve with Model 515 sensor for 5 to 8 inch pipes
	515-P5*	Valve with Model 515 sensor for 10 to 36 inch pipes
	2536-P3**	Valve with Model 2536 sensor for ½ to 4 inch pipes
	2536-P4**	Valve with Model 2536 sensor for 5 to 8 inch pipes
	2536-P5**	Valve with Model 2536 sensor for 10 to 36 inch pipes
3-3519	Example Part Number - Valve Only	
3-3519	/515-P3	Example Part Number - Valve with Sensor

Model 3519

Ordering Notes

- 1) N/C = no code needed.
- 2) *See model 515 data sheet for sensor specifications.
- 3) **See model 2536 data sheet for sensor specifications.
- 4) Models 515 and 2536 Wet-Tap sensors can be ordered separately.

Components	Mfr. Part No./Code
3-3519	159 000 757
3519/515-P3	159 000 819
3519/515-P4	159 000 820
3519/515-P5	159 000 821

Components	Mfr. Part No./Code
3519/2536-P3	159 000 822
3519/2536-P4	159 000 823
3519/2536-P5	159 000 824

3-3519.099 Rev B (01/10)

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