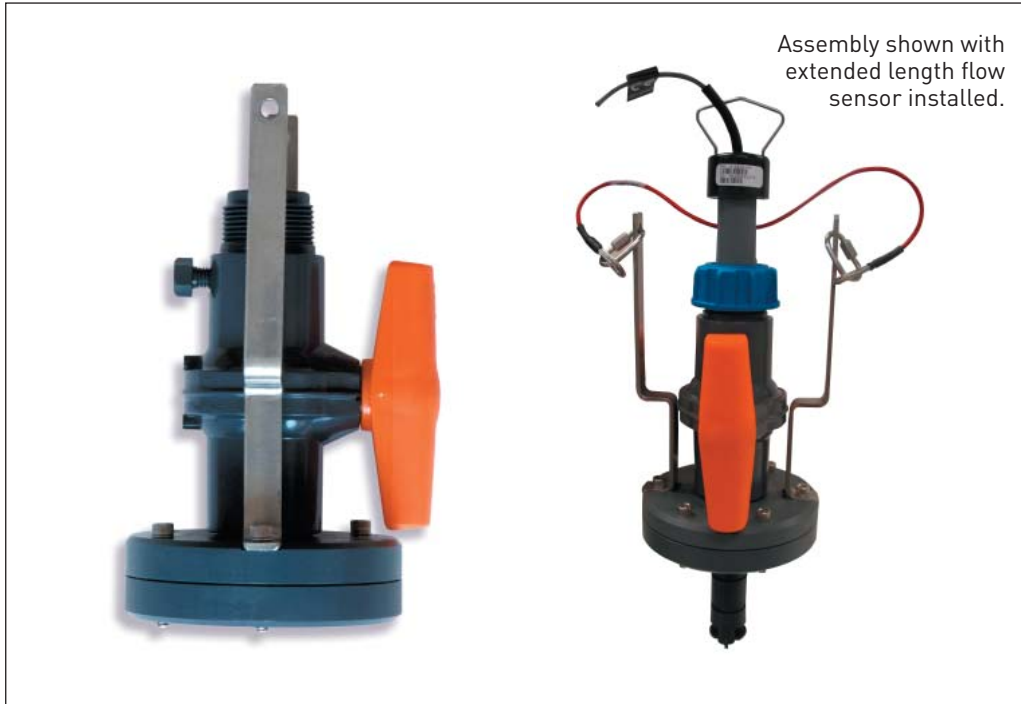


Signet 3519 Flow Wet-Tap Valve

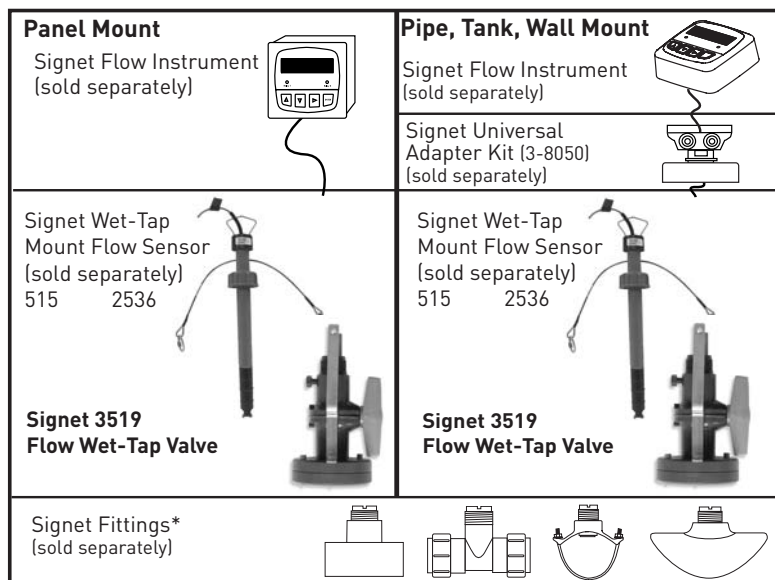


Description

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 & stainless steel design of the Wet-Tap makes it resistant to corrosion and chemical attack by acids, alkalis, 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.

System Overview



*See Fittings section for more information.

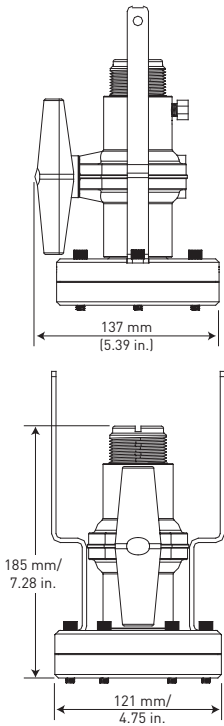
Features

- 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

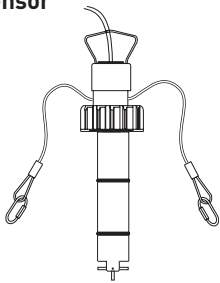
Applications

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

Dimensions



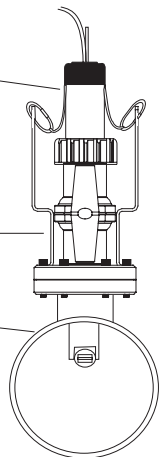
Model 515 or 2536 Wet-Tap Sensor



Signet 515/2536 Extended Flow Sensor

Signet 3519 Wet-Tap Assembly

Signet Pipe Fitting



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

Specifications

General

Body: PVC
 Ball Seat: PTFE
 Seals: Viton® (STD) or EPDM also available, contact factory
 Hardware: 303SS (brackets), 18/8SS (nuts & bolts)

Shipping weight: 1.3kg (2.86 lbs.)

Max. Pressure/Temperature Ratings

- 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)

Standards & Approvals

- Manufactured under ISO 9001:2000 for Quality and ISO 14001:2004 for Environmental Management

See page Temperature and Pressure graphs for more information.

Application Tips:

- Once installed, sensor insertion and removal can be performed without process shutdown; see installation/removal pressure specifications page
- Use the Conduit Adaptor Kit when used in outdoor environments. See Accessories section.
- Do not use this assembly in liquids containing particles. Use Signet magmeter only.
- 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 0.5 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 0.5 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	Components	Mfr. Part No./Code
3-3519	159 000 757	3519/2536-P3	159 000 822
3519/515-P3	159 000 819	3519/2536-P4	159 000 823
3519/515-P4	159 000 820	3519/2536-P5	159 000 824
3519/515-P5	159 000 821		