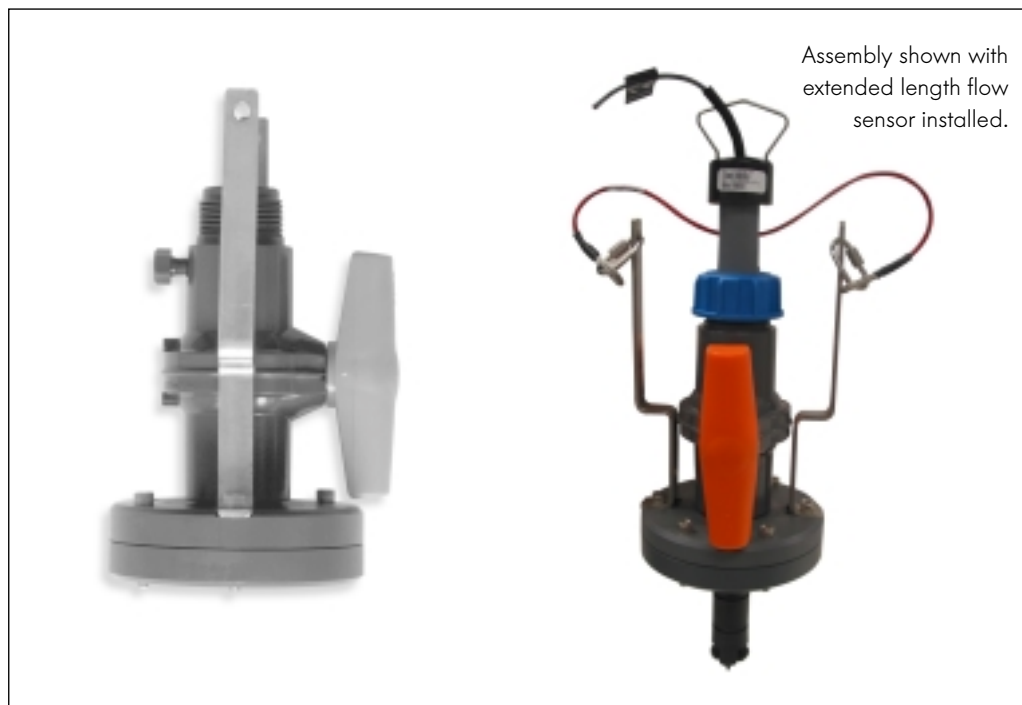


3519 Flow Wet-Tap Valve

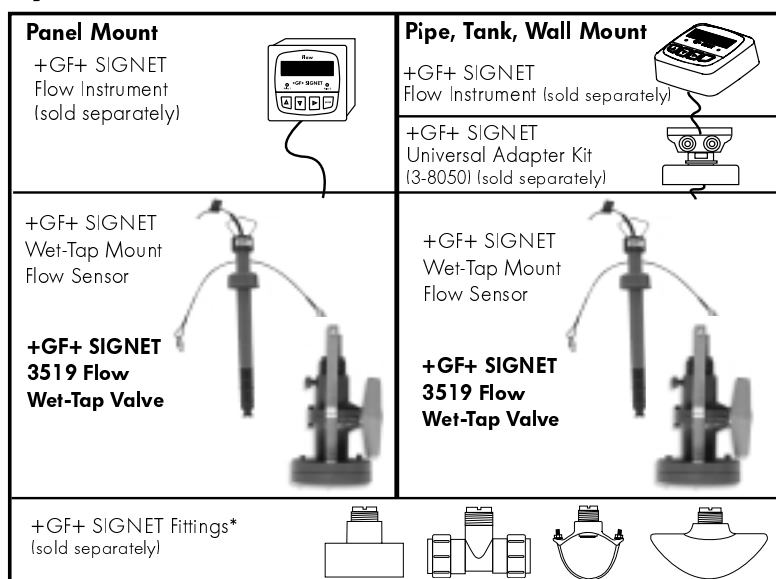


Description

The +GF+ SIGNET 3519 Flow Wet-Tap Valve serves as a unique interface between the installation fitting and the wet-tap style +GF+ 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 +GF+ SIGNET 3519 Wet-Tap Valve mounts directly onto standard +GF+ SIGNET installation fittings found on pages 180. 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. Refer to the Installation section of this +GF+ SIGNET catalog for more information (page 156).

System Overview



*For information on pipe fittings for use with this product, see pages 180 through 192 of this catalog.

Features

- Allows for sensor removal without process shutdown
- Includes pressure release valve for safe sensor removal
- Dual safety lanyards
- Rugged corrosion-resistant PVC construction and stainless steel hardware
- Utilizes either +GF+ 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

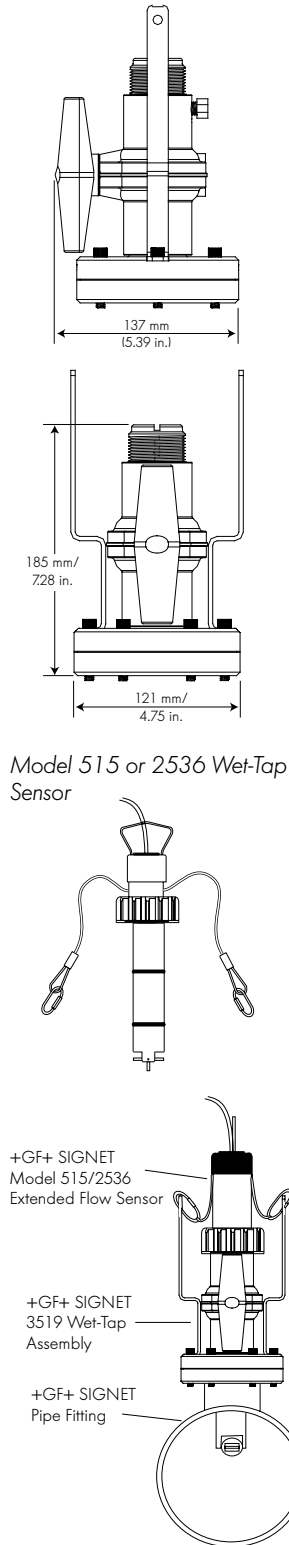
Compatible Sensors

The 3519 Flow Wet-Tap Valve is compatible with the following +GF+ SIGNET sensors; wet-tap mount only:

515 2536

See individual catalog pages for more information.

Dimensions



Model 515 or 2536 Wet-Tap 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.

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 14001:1996 for Environmental Management

See page 224 for Temperature and Pressure graphs.

Application Tips:

- Removal and insertion of sensor can be performed while in service; observe installation/removal pressure specifications.
- Use the Conduit Adaptor Kit to protect the cable-to-sensor connection when used in wet environmental areas - see page 196 for more details.
- Do not use this assembly in liquids containing ferrous particles. Use the 2517 or 2540 Hot-Tap sensor.
- Use sensors with sleeved rotors in liquids with particles 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.

For More Information:

- For installation tips and information see page 156.
- For flow sensor mounting position information see page 156.
- For sensor insertion/removal procedure, see page 158.

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

Mfr. Part No.	Code	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		