

Type 3519 Flow Wet-Tap Valve



Assembly shown with extended length flow sensor installed.

Product description

The type 3519 Flow Wet-Tap Valve serves as a unique interface between the installation fitting and the wet-tap style type 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 type 3519 Wet-Tap Valve mounts directly onto standard type 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 type 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

Datasheet

Technical Details

General

Body	PVC
Ball Seal	PTFE
Seats	FKM (std) or EPR (EPDM) also available, contact factory
Hardware	303 SS (brackets), 18/8 SS (nuts & bolts)

Max. Temperature/Pressure 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
-----------------	----------------

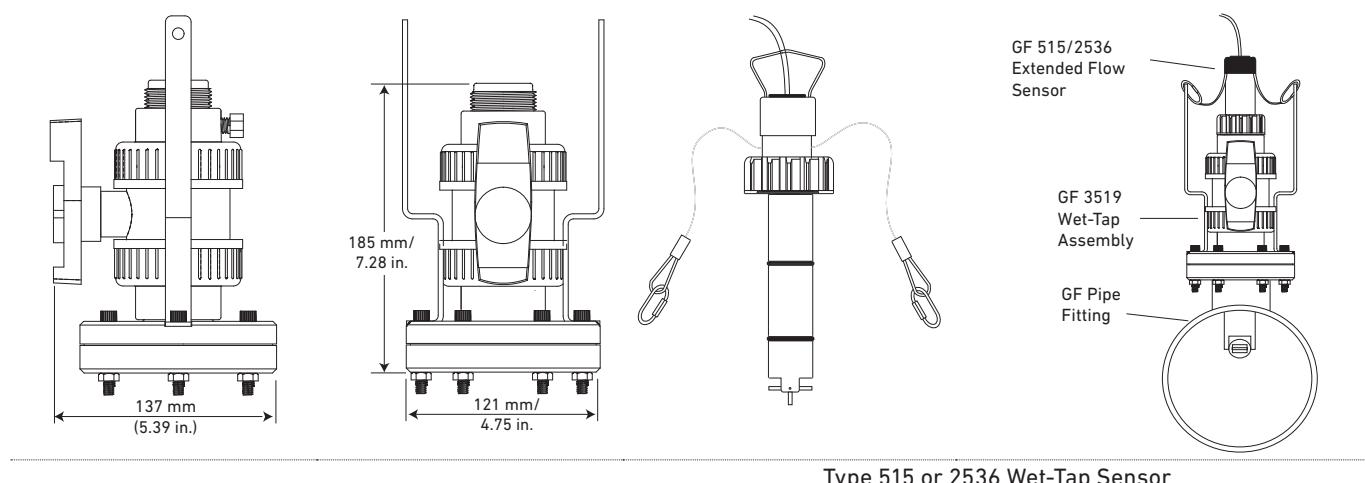
Shipping Weight

1.3 kg	2.86 lb
--------	---------

Standards and Approvals

CE, UKCA, FCC
Manufactured under ISO 9001, ISO 14001 and ISO 45001

Dimensions



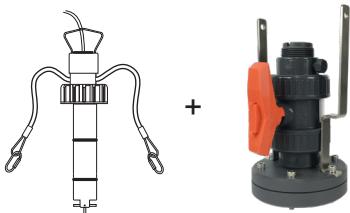
Type 515 or 2536 Wet-Tap Sensor

System Overview

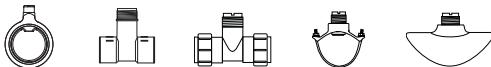
Panel Mount	Pipe, Tank, Wall Mount	Automation System
GF Instruments - 8150* - 9900-1P - 9900-1BC - 9950  	GF Instruments - 8150 - 9900-1 with 3-8050 Universal Mount Kit - 9900-1BC with Rear Enclosure - 9950  	- 0486 Profibus Concentrator and Customer Supplied Programmable Logic Controller or Programmable Automation Controller  

GF Wet-Tap
Flow Sensor
- 515
- 2536

Type 3519 Wet-Tap Valve



GF Fittings



All sold separately

See Fittings section for more information.

* The 8150 will only work with the P51530-XX sensor

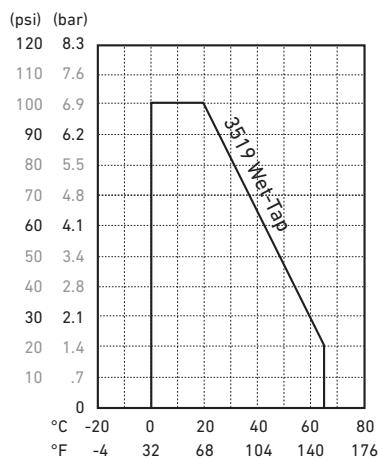
Application Tips

- 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.
- For liquids containing ferrous particles, use GF 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.

Pressure-temperature diagram

Note

The pressure-temperature diagrams are specifically for the GF sensor. During system design the specifications of all components must be considered. In the case of a metal piping system, a plastic sensor will reduce the system specification. When using a PVDF sensor in a PVC piping system, the fitting will reduce the system specification.



Ordering Information

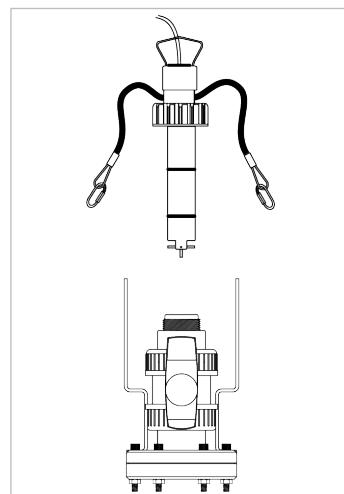
Mfr. Part No.	Code	Flow Range
3-3519	159 000 757	Wet-Tap Valve only for 515 and 2536 Wet-Tap flow sensors
For ½ to 4 inch pipes		
P51530-P3*	198 840 310	Polypro extended length paddlewheel sensor
3-2536-P3**	159 000 758	Polypro extended length low flow paddlewheel sensor
For 5 to 8 inch pipes		
P51530-P4*	198 840 311	Polypro extended length paddlewheel sensor
3-2536-P4**	159 000 759	Polypro extended length low flow paddlewheel sensor
For 10 to 36 inch pipes		
P51530-P5*	198 840 312	Polypro extended length paddlewheel sensor
3-2536-P5**	159 000 760	Polypro extended length low flow paddlewheel sensor

Ordering Notes

* See type 515 data sheet for sensor specifications.

** See type 2536 data sheet for sensor specifications.

Types 515 and 2536 Wet-Tap sensors can be ordered separately.



The information and technical data (altogether "Data") herein are not binding, unless explicitly confirmed in writing. The Data neither constitutes any expressed, implied or warranted characteristics, nor guaranteed properties or a guaranteed durability. All Data is subject to modification. The General Terms and Conditions of Sale of Georg Fischer Signet LLC apply.

08/2025-A 3-3519.099 Rev I

+GF+ © Georg Fischer Signet LLC, 5462 N. Irwindale Avenue, Irwindale, CA 91706 U.S.A.
Tel. (626) 571-2770 • www.gfps.com • E-Mail: info.ps@georgfischer.com