

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

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
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Shipping Weight

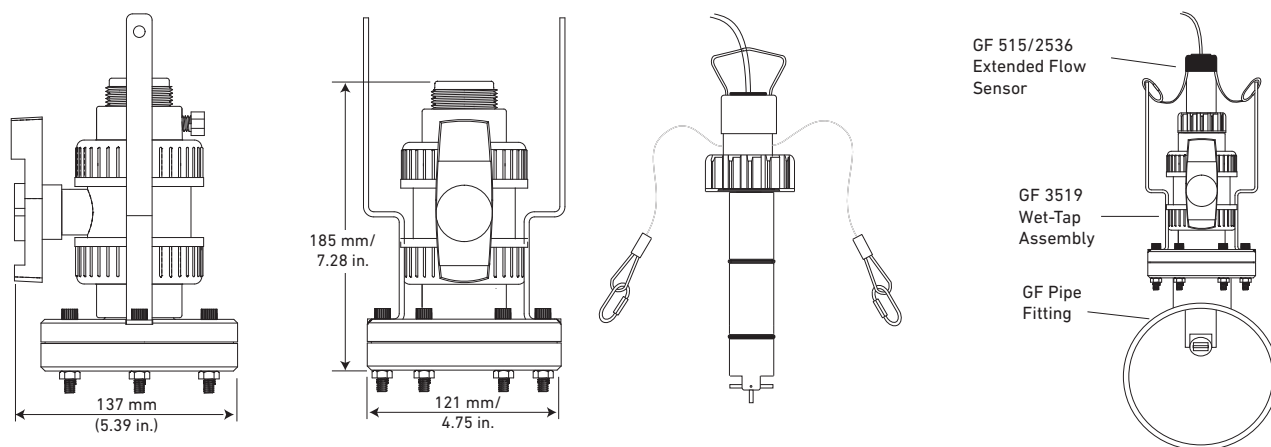
1.3 kg	2.86 lb
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Standards and Approvals

CE, UKCA, FCC


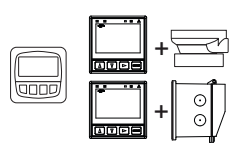

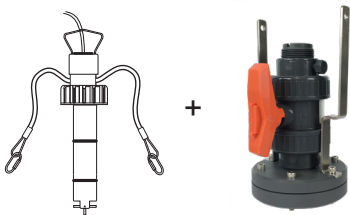

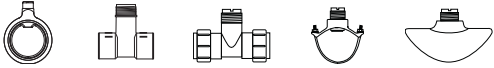
Manufactured under ISO 9001, ISO 14001 and ISO 45001

Dimensions



Type 515 or 2536 Wet-Tap Sensor

System Overview

Panel Mount	Pipe, Tank, Wall Mount	Automation System
<p>GF Instruments</p> <ul style="list-style-type: none"> - 8150* - 9900-1P - 9900-1BC - 9950 	<p>GF Instruments</p> <ul style="list-style-type: none"> - 8150 - 9900-1 with 3-8050 Universal Mount Kit - 9900-1BC with Rear Enclosure - 9950 	<ul style="list-style-type: none"> - 0486 Profibus Concentrator and Customer Supplied Programmable Logic Controller or - Programmable Automation Controller 
<p>GF Wet-Tap Flow Sensor</p> <ul style="list-style-type: none"> - 515 - 2536 	<p>Type 3519 Wet-Tap Valve</p> 	
<p>GF Fittings</p> 	<p>All sold separately</p>	

See Fittings section for more information.

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

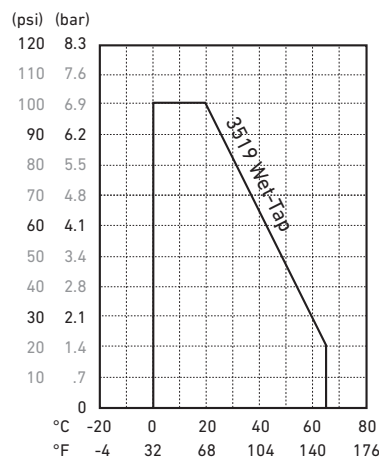
Application Tips

- 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.

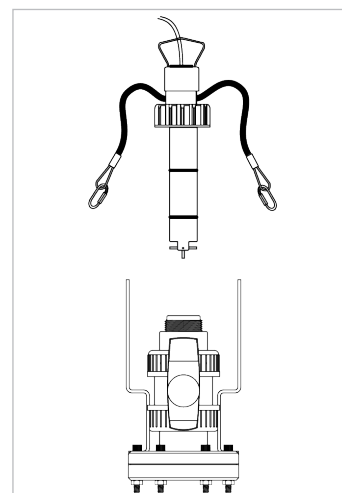


Ordering Information

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.



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