

Ordering Information

Model 2536 Standard Mount Paddlewheel

When choosing this style of sensor, the instrument can be mounted nearby on a pipe or wall or in a remote location up to 305 m/1000 ft (standard cable length is 7.6 m/25 ft) by connecting the sensor through a standard 3-8050-1 universal junction box. Use Signet fittings for proper seating of the sensor into the process flow.

Sensor Part Number	
3-2536	Flow Sensor for use with remote mount instrument
↓	Body/Rotor/Pin material - Choose One*
	P Polypropylene/Black PVDF/Titanium
	T Natural PVDF/Natural PVDF/Natural PVDF**
	V Natural PVDF/Natural PVDF/Hastelloy-C**
↓	Pipe size - Choose One
	0 0.5 to 4 in.
	1 5 to 8 in.
	2 10 to 36 in.
3-2536	- P 0 Example Part Number

**PVDF available ½ in. to 4 in. only

Mfr. Part No.*	Code	Mfr. Part No.*	Code
3-2536-P0	198 840 143	3-2536-T0	198 840 149
3-2536-P1	198 840 144	3-2536-V0	198 840 146
3-2536-P2	198 840 145	3-2536-V1	198 840 147

Model 2536 Integral Mount Paddlewheel

When choosing this style of sensor, the instrument is mounted directly onto the sensor for a local display. See Guidelines below for instructions.

Sensor Part Number	
3-8512	Flow Sensor for integral mounting on the 8150 or 8550 instrument using the 3-8051 adapter (instrument and adapter sold separately)
↓	Body/Rotor/Pin material-Choose one*
	P Polypropylene/Black PVDF/Titanium
	T Natural PVDF/Natural PVDF/Natural PVDF**
	V Natural PVDF/Natural PVDF/Hastelloy-C**
↓	Pipe size - Choose one
	0 ½ to 4 in.
	1 5 to 8 in. (PP only)
3-8512	- V 0 Example Part Number

**PVDF available ½ in. to 4 in. only

Mfr. Part No.*	Code	Mfr. Part No.*	Code
3-8512-P0	198 864 513	3-8512-T0	198 864 518
3-8512-P1	198 864 514	3-8512-V0	198 864 516

Guidelines: Combining a 2536 integral mount flow sensor with an integrally mounted instrument

Option 1

Once an integral mount sensor is chosen, it can be mounted directly to a field mount transmitter by following these guidelines:

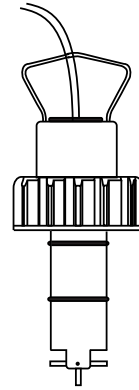
- Order the integral adapter kit 3-8051 (sold separately) to connect the sensor to an instrument.
- Order a field mount transmitter (sold separately). The following part numbers are compatible: 3-8550-1, 3-8550-2, 3-8550-3, 3-8150-1.

- Assembling the sensor with the integral adapter and instrument is quick and simple.

Option 2

These parts can also be ordered as an assembled part. See page 74 "Integral Mount" for more information.

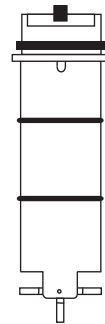
Model 2536 Standard Paddlewheel Flow Sensor



*Model 2536 Ordering Notes

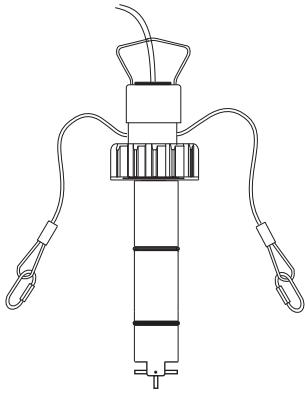
- Most common part number combinations shown. For all other combinations contact factory.
- Other rotor and pin materials are available for purchase from the factory and can be easily replaced in the field. See Accessories section.

Model 2536 Integral Mount Paddlewheel Flow Sensor



Ordering Information (continued)

Model 2536 Wet-Tap sensor



***Model 2536
Ordering Notes**

- 1) Other rotor and pin materials are available for purchase from the factory and can be easily replaced in the field. See Accessories section.

Model 2536 Wet-Tap Mount Paddlewheel Flow Sensor

When choosing this style of sensor, the instrument can be mounted nearby on a pipe or wall or in a remote location up to 1000 ft (305 m) by connecting the sensor through a standard 3-8050-1 universal junction box. Standard cable length is 7.6 m (25 ft). This style of sensor uses the 3519 Wet-Tap valve only (see individual product page for more information).

Sensor Part Number - Choose One	
3-2536	Flow Sensor for wet-tap mounting with the 3519 Wet-Tap Valve (sold separately)
	Body/Rotor/Pin Material*
P	Polypropylene/Black PVDF/Titanium
	Pipe Size - Choose One
3	½ to 4 in.
4	5 to 8 in.
5	10 to 36 in.
3-2536	- P 3 Example Part Number

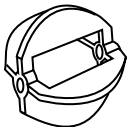
Mfr. Part No.*	Code
3-2536-P3	159 000 758
3-2536-P4	159 000 759
3-2536-P5	159 000 760

Guideline: Combining a 2536 Wet-Tap Sensor with a 3519 Wet-Tap Valve

- a) Once a sensor is chosen, it can be mounted in a 3519 Wet-Tap Valve (sold separately)
- b) Assembling a sensor with a 3519 Wet-Tap valve is quick and simple. These parts can also be ordered as complete assemblies. See 3519 product page.

Accessories and Replacement Parts

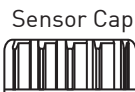
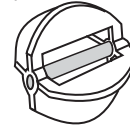
Rotor



Rotor Pin

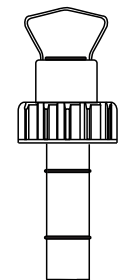


Sleeved Rotor
(pin not included)

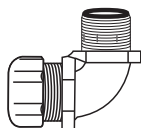


Sensor Cap

Sensor Plug



Conduit Adapter Kit



Mfr. Part No.	Code	Description
Rotors		
3-2536.320-1	198 820 052	Rotor, PVDF Black
3-2536.320-2	159 000 272	Rotor, PVDF Natural
3-2536.320-3	159 000 273	Rotor, Tefzel®
3-2536.321	198 820 054	Rotor and pin (matched set), PVDF Natural
3-2536.322-1	198 820 056	Sleeved rotor, PVDF Black
3-2536.322-2	198 820 057	Sleeved rotor, PVDF Natural
3-2536.322-3	198 820 058	Sleeved rotor, Tefzel®
Rotor Pins		
M1546-1	198 801 182	Pin, Titanium
M1546-2	198 801 183	Pin, Hastelloy-C
M1546-3	198 820 014	Pin, Tantalum
M1546-4	198 820 015	Pin, Stainless Steel
P51545	198 820 016	Pin, Ceramic
O-Rings		
1220-0021	198 801 186	O-ring, FPM (2 required per sensor)
1224-0021	198 820 006	O-ring, EPR (EPDM) (2 required per sensor)
1228-0021	198 820 007	O-ring, FFPM (2 required per sensor)
Miscellaneous		
P31536	198 840 201	Sensor plug, Polypropylene
P31542-3	159 000 464	Sensor cap, Blue
P31934	159 000 466	Conduit cap
P51589	159 000 476	Conduit adapter kit
5523-0222	159 000 392	Cable (per foot), 2 cond. w/shield, 22 AWG
3-8050	159 000 184	Universal mount kit
3-8050.390-1	159 001 702	Retaining nut replacement kit, Valox K4530
3-8050.391	159 001 703	Retaining nut replacement kit, Stainless Steel
3-8051	159 000 187	Transmitter integral adapter (for use with 8510 and 8512)
3-8050-1	159 000 753	Universal junction box