



Low Flow Sensor Signet 2536

- High resolution
- Low power
- Flow rates as low as 0.3 ft/s
- Open collector output
- No pressure drop

Low Flow Sensor is a high resolution, low power device ideal for measuring flow in piping systems with extremely low velocities. Utilizing insertion paddle-wheel technology, the SIGNET 2536 is easy to install and maintain. It incorporates a state-of-the-art, advanced Hall Effect design allowing it to operate with a wide range of voltages and current supplies. The sensors have a wide flow range, and reverse polarity protection. The insertion design easily adapts to a wide range of applications.



Specifications

Output Signal	Open collector, sinking
Output Frequency	15 Hz per fps nominal
Operating Range	0.3 to 20 fps
Pressure/Temperature	
PP sensor housing	180 psi @ 68°F, 25 psi @ 185°F
PVDF sensor housing	200 psi @ 68°F, 25 psi @ 185°F
Power Requirements	3.3 to 24 VDC
	<1.5mA @ 3.3V to 6VDC, <20mA @ 6V to 24VDC
Pipe Size Range	0.5 to 24 in.
Repeatability	±0.5% of full scale
Linearity	1% of full range
Materials	Refer to ordering info. for material options available
O-rings	Viton®
Cable Type	Twister pair, foil shield with drain wire
Cable Length	25 ft. (1000 ft. max.)
Quality Standards	CE

Ordering Information

ITEM	HOUSING MATERIAL	SHAFT MATERIAL	ROTOR	PIPE SIZE (in.)
3-2536-P0	Polypropylene	Titanium	Black PVDF	0.5 to 4
3-2536-P1	Polypropylene	Titanium	Black PVDF	5 to 8
3-2536-P2	Polypropylene	Titanium	Black PVDF	10-up
3-2536-V0	Natural PVDF	Hastelloy C	Natural PVDF	0.5 to 4
3-2536-V1	Natural PVDF	Hastelloy C	Natural PVDF	5 to 8
3-2536-T0	Natural PVDF	Natural PVDF	Natural PVDF	0.5 to 4

Integral Sensor (use with 8512 Transmitter and integral mounting kit)

3-8512-P0	Polypropylene	Titanium	Black PVDF	0.5 to 4
3-8512-P1	Polypropylene	Titanium	Black PVDF	5 to 8
3-8512-V0	Natural PVDF	Hastelloy C	Natural PVDF	0.5 to 4
3-8512-T0	Natural PVDF	Natural PVDF	Natural PVDF	0.5 to 4

