

Sensor Specifications

Sensor Type/Characteristics	FM-LFS-03SU	FM-LFS-06SU	FM-LFS-10SU	FM-LFS-15SU	FM-LFS-20SU
Flow Range [lpm]	0 – 0.8	0 – 8	0 – 20	0 – 50	0 – 80
Triclamp Fitting Size	3/8inch (ID = 6.4mm)	3/8inch (ID = 6.4mm)	1/2inch (ID = 9.4mm)	1inch (ID = 22.2mm)	1inch (ID = 22.2mm)
Measurement Path ID in [mm]	2.5	6	10		20
Accuracy of Reading	> 6ml/min: ±1%	> 1.7l/min: ±1%	> 4.7l/min: ±1%	> 10.6l/min: ±1%	>18.8l/min: ±1 %
Repeatability < Accuracy/2	< 6ml/min: ±0.06ml/min	< 1.7l/min: ±17ml/min	< 4.7l/min: ±47ml/min	< 10.6l/min: ±106ml/min	<18.8l/min: ±188ml/min
Wetted Surface Area [cm ²]	29.5	32.2	53.2	141.2	173.5
Wetted Surface Area [ml]	4	4.8	12.3	61.7	95.8
Weight [g]	42	43	61	96	125
Pressure Drop Coefficient C at 20°C ΔP = C x Q ² ; Q = Flow [lpm], ΔP = Press. Drop [kPa]	16.8	0.88	0.07 5	0.0101	0.0035
Fluid Temperature	Normal range: 10 – 60°C (50 – 140°F)				
Ambient Temperature	0 – 40°C (32 – 104°F)				
Maximum Fluid Pressure	0 – 0.5MPa (0 – 5bar, 0 – 72.5psi)				
Kinematic Viscosity	0.8 – 40mm ² /s (0.8 – 40cSt)				
Sound Speed	1000 – 2200m/s				
Wet Materials	Polypropylene (FDA, USP VI, ADI free), Gamma robust for up to 40kGy				
Sensor Enclosure Classification	IP-65 (for connected sensor)				
Cable Jacket Material	PVC				
Cable Length (re-usable cable)	9ft/3 meter				
Electrical Connectors	Circular type (IP-67), lock-release mounting				

Pendotech Leviflow Monitor Specifications

Characteristics	Descriptions or Values
Power Supply	24VDC +/- 10%
Current/Inrush (Start-Up) Current	150mA / Peak of 3.8A within 210µs
Ambient Temp.	0-40°C (32-104°F)
Humidity Range	30-85% R.H. (no condensation)
Interfaces	Analog Milliamp: Analog Output 4-20mA (20 mA set to max flow automatically) Digital as Frequency (max flow set tp 1KHZ)
Weight	485g
Dimensions (W x L x H) cm	13.65 x 19.05 x 4.45

Ordering Information	Order Number
Leviflow single-use flow sensor to 0.8LPM	FM-LFS-03SU
Leviflow single-use flow sensor to 8LPM	FM-LFS-06SU
Leviflow single-use flow sensor to 20LPM	FM-LFS-10SU
Leviflow single-use flow sensor to 50LPM	FM-LFS-15SU
Leviflow single-use flow sensor to 80LPM	FM-LFS-20SU
Leviflow Sensor Interconnect Cable, 3m, PVC	FM-LFI-C-1-30
Leviflow Sensor Interconnect Cable, 6m, PVC	FM-LFI-C-1-60
Leviflow Sensor Monitor with display (includes power supply, Leviflow interconnect cable, stand; also includes interface cable or connector of choice)	FMT-LFS
Single Use and Low Flow Ultrasonic flowmeter to PressureMAT analog input, 6ft	PDKT-US-PMATA
Micro connector with integral cable with flying leads	MC-6897K35
Levitronix single channel DIN rail transmitter	FM-LF-CONVERT
Leviflow Wall Mount Extension Cable, 1M	FM-LF-EXT-1M
Leviflow Wall Mount Extension Cable, 3M	FM-LF-EXT-3M
Leviflow Wall Mount Extension Cable, 6M	FM-LF-EXT-6M
Flow Sensor Stand	LEVI-STAND



Single-use flow sensor



LEVI-STAND shown with single-use flow sensor