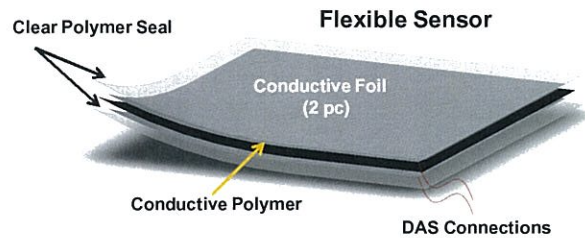




MODEL FLUID-FS-M1
FLUID FORCE SENSOR



SENSOR ASSEMBLY

Note: Flexible sensor designed to measure columns of fluid in various environmental conditions.

Applications: Originally designed for measuring fuel levels in a flexible fabric fuel storage container.

Key Features: High speed response; hermetically sealed; low energy draw; compatible with standard data acquisition systems; available in M1 (UHMWPE) or M2 (PPS) composites.

SPECIFICATIONS

	<u>M1 Composite</u>	<u>M2 Composite</u>
Full Scale Capacity:	2,000 PSI (13.8 Mpa)	2,400 psi (16.5 Mpa)
Overload Protection:	10,000 psi (68.9 Mpa)	12,000 psi (82.7 Mpa)
Standard Size:	up to 24" width (any length)	6" x 6" (152 mm x 152 mm)
Zero Balance:	± 0.1%	± 0.1%
Repeatability:	± 0.3%	± 0.1%
Hysteresis:	± 5% (uncorrected)	± 0.5% (uncorrected)
Temperature Range:	-25°F to 140°F (-32°C to 60°C)	-25°F to 160°F (-32°C to 71°C)
Force Resolution:	± 0.004% @ 0% FS	± 0.15% @ 100% FS
Sensitivity:	450 mV/V	500 mV/V