

Model SSM Series

Why INTERFACE SSM load cells are the best in class:

- Environmentally sealed
- .02% nonrepeatability
- Low moment sensitivity
- .0008%/°F temp effect on output*
- .025% creep
- Tension and compression



OPTIONS*

Standard connector (SSM-500 and above)
 LEMO connector
 Standardized output
 High temperature
 Extra cable length

ACCESSORIES*

Load button
 Instrumentation
 Mounting hardware

* Please call for additional information

SPECIFICATIONS

ACCURACY – (MAX ERROR)

Nonlinearity-% FS±0.05
 Hysteresis-% FS±0.03
 Nonrepeatability-% RO±0.02
 Creep, in 20 min.-%±0.025

TEMPERATURE

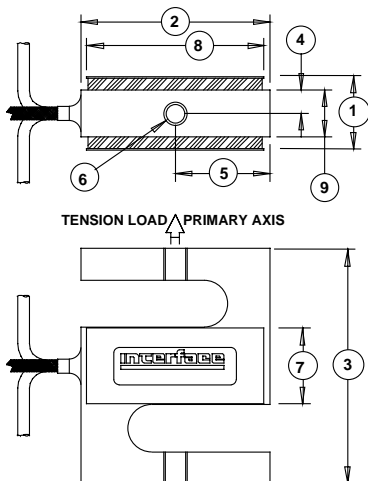
Compensated Range-°F0 to 150
 Compensated Range-°C-15 to 65
 Operating Range-°F-65 to 200
 Operating Range-°C-55 to 90
 Effect on Output-%/°F – MAX±0.0008
 Effect on Zero-% RO/°F – MAX±0.0015

ELECTRICAL

Rated Output-mV/V (Nominal)3
 Zero Balance-% RO±1
 Bridge Resistance-Ohm (Nominal)350
 Excitation Voltage – MAX15 VDC
 Insulation Resistance-Megohm>5000

MECHANICAL

CalibrationTension
 Safe Overload-% CAP150
 Cable length-ft10



DIMENSIONS

See Drawing	CAPACITY (lbf)									
	50		100		250		500, 750 1K, 2K, 3K		5K	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
①	0.80	20.3	0.76	19.3	0.76	19.3	1.25	31.8	1.68	42.7
②	2.00	50.8	2.00	50.8	2.00	50.8	2.00	50.8	2.50	63.5
③	2.50	63.5	2.50	63.5	2.50	63.5	3.00	76.2	3.50	88.9
④	0.25	6.40	0.25	6.40	0.25	6.40	0.50	12.7	0.75	19.1
⑤	1.00	25.4	1.00	25.4	1.00	25.4	1.00	25.4	1.25	31.8
⑥	1/4-28 UNF-2B		1/4-28 UNF-2B		1/4-28 UNF-2B		1/2-20 UNF-2B		5/8-18 UNF-2B	
⑦	0.80	20.3	0.70	17.8	0.80	20.3	0.80	20.3	0.84	21.3
⑧	1.88	47.8	1.88	47.8	1.88	47.8	1.88	47.8	2.38	60.5
⑨	0.50	12.7	0.50	12.7	0.50	12.7	1.00	25.4	1.50	38.1