

Model SSM Series Metric

Why INTERFACE SSM load cells are the best in class:

- Environmentally sealed
- .02% nonrepeatability
- Low moment sensitivity
- .0015%/°F temp effect on output*
- .025% creep
- Tension or 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

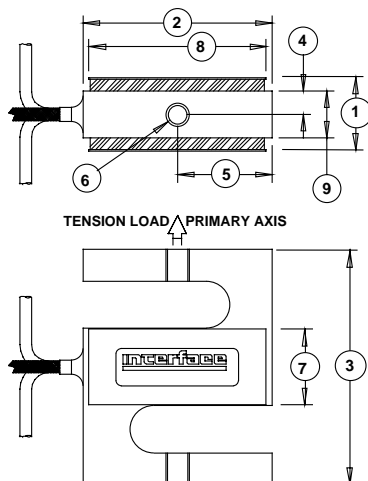
Compensated Range-°F0 to 150
Compensated Range-°C-15 to 65
Operating Range-°F-65 to 200
Operating Range-°C-55 to 90
Effect on Output-%/°C – MAX±0.0015
Effect on Zero-% RO/°C – MAX±0.0027

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				
	200N	500N	1kN	10kN 2kN, 5kN	20kN
	mm	mm	mm	mm	mm
①	12.7	12.7	12.7	25.4	38.1
②	50.8	50.8	50.8	50.8	63.5
③	63.5	63.5	63.5	76.2	88.9
④	6.4	6.4	6.4	12.7	19.1
⑤	25.4	25.4	25.4	25.4	31.8
⑥	M6 X 1-6H	M6 X 1-6H	M6 X 1-6H	M12X1.75-6H	M16 X 2-6H
⑦	20.3	17.8	20.3	20.3	21.3
⑧	47.8	47.8	47.8	47.8	60.5
⑨	20.3	19.3	19.3	31.8	42.7