

Model SM Series Metric

Why INTERFACE SM Load Cells are the best in class:

- .01% nonrepeatability
- .0015%/°C temp effect on output*
- Lowest creep – 0.025%
- Tension and compression

OPTIONS*

Extra cable length
Standardized output

ACCESSORIES*

Mounting hardware
Instrumentation

* Please call for additional information



SPECIFICATIONS

ACCURACY – (MAX ERROR)

Nonlinearity-% FS± 0.03
Hysteresis-% FS± 0.02
Nonrepeatability-%± 0.01
Creep, in 20 min.-%± 0.025

TEMPERATURE

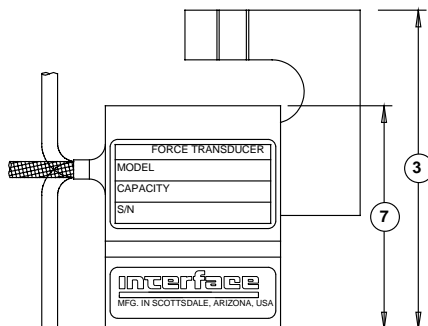
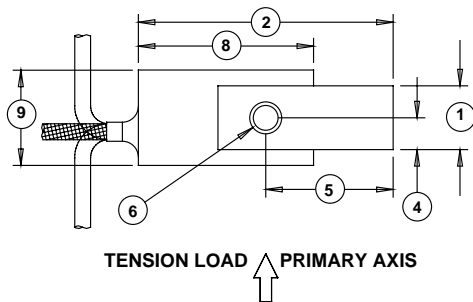
Compensated Range-°F0 to 150
Compensated Range-°C-15 to 65
Operating Range-°F-65 to 200
Operating Range-°C-55 to 90
Effect on Output-%/°C – MAX± 0.0008
Effect on Zero-% RO/°C – MAX± 0.0015

ELECTRICAL

Rated Output-mV/V (Nominal)3.00
Zero Balance-% RO± 1.0
Bridge Resistance-Ohm (Nominal)350
Excitation Voltage – MAX15 VDC
Insulation Resistance-Megohm5000

MECHANICAL

CalibrationTension
Safe Overload-% CAP± 150
Cable length-ft5



DIMENSIONS

See Drawing	50, 100, 200, 500, 1000	CAPACITY (N)	
	mm	2000 mm	5000 mm
①	12.7	25.4	25.4
②	50.8	50.8	50.8
③	63.5	76.2	76.2
④	6.40	12.7	12.7
⑤	25.4	25.4	25.4
⑥	M6 X 1-6H	M12 X 1.75-6H	M12 X 1.75-6H
⑦	44.5	50.8	50.8
⑧	35.1	49.3	49.3
⑨	19.1	19.1	19.1