

Model SPI Series Capacities 25, 50, 100, 150

Why INTERFACE SPI load cells are the best in class:

- .01% nonrepeatability
- Safe overload to 200%
- .0008%/°F temp effect on output*
- .012%/in eccentric load sensitivity

OPTIONS*

Extra cable length
Standardized output

ACCESSORIES*

Instrumentation

* Please call for additional information



SPECIFICATIONS

ACCURACY – (MAX ERROR)

Nonlinearity-% FS±0.02
Hysteresis-% FS±0.02
Nonrepeatability-% RO±0.01
Creep, in 20 min.-%±0.025
Eccentric load sensitivity-%/inch.....0.002

TEMPERATURE

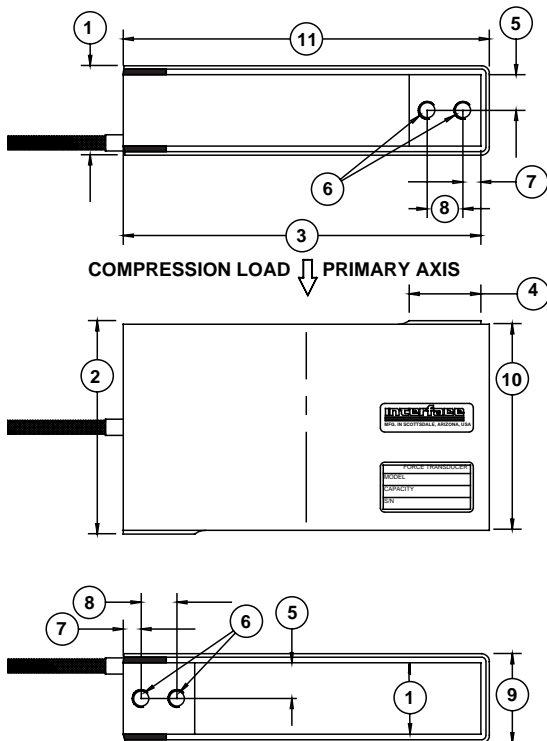
Compensated Range-°F15 to 115
Compensated Range-°C-10 to 45
Operating Range-°F-65 to 200
Operating Range-°C-55 to 90
Effect on Output-%/F – MAX±0.0008
Effect on Zero-% RO/F – MAX±0.0015

ELECTRICAL

Rated Output-mV/V (Nominal)3.0
Zero Balance-% RO±5.0
Bridge Resistance-Ohm (Nominal)350
Excitation Voltage – MAX.....15 VDC
Insulation Resistance-Megohm5000

MECHANICAL

CalibrationComp.
Safe Overload-% CAP200
Cable length-ft.....5
Deflection @ RO-inchto .008



DIMENSIONS

See Drawing	CAPACITY (lbf)			
	25, 50		100, 150	
	inch	mm	inch	mm
①	1.00	25.4	1.00	25.4
②	3.00	76.2	3.00	76.2
③	5.00	127	6.00	152.4
④	1.00	25.4	1.50	38.1
⑤	0.50	12.7	0.50	12.7
⑥	1/4-28 UNF-2B		1/4-28 UNF-3A	
⑥	0.56 in deep		0.56 in deep	
⑦	0.25	6.40	0.25	6.40
⑧	0.50	12.7	1.00	25.4
⑨	1.25	31.8	1.25	31.8
⑩	2.88	73.0	2.88	73.0
⑪	5.12	130	6.12	155.4