

## Model SPI Series Capacities 3, 7.5, 15

Why INTERFACE SPI load cells are the best in class:

- .01% nonrepeatability
- 400% compression overload protection
- .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–%/in	0.012

#### TEMPERATURE

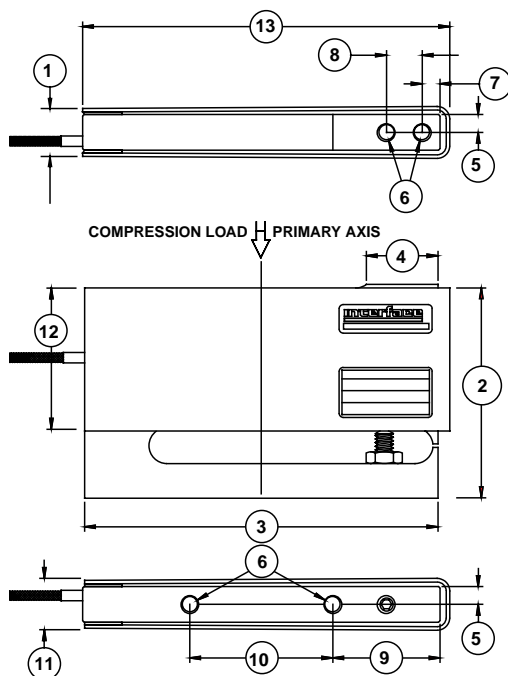
Compensated Range–F	15 to 115
Compensated Range–C	-10 to 45
Operating Range–F	-65 to 200
Operating Range–C	-55 to 90
Effect on Output–%/F – MAX	±0.0008
Effect on Zero–% RO/F – MAX	±0.0015

#### 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–Megohm	5000

#### MECHANICAL

Calibration	Comp.
Safe Overload–% CAP	400
Cable length–ft	5
Deflection @ RO–inch	to .015



### DIMENSIONS

See Drawing	CAPACITY (lbf)					
	3		7.5		15	
	inch	mm	inch	mm	inch	mm
①	0.38	9.60	0.50	12.7	1.00	25.4
②	2.99	75.9	2.99	75.9	2.99	75.9
③	5.00	127	5.00	127	5.00	127
④	1.00	25.4	1.00	25.4	1.00	25.4
⑤	0.25	6.40	0.25	6.40	0.5	12.7
⑥	10-32 UNF-2B		1/4-28 UNF-2B		1/4-28 UNF-2B	
⑥	0.50 in deep		0.56 in deep		0.56 in deep	
⑦	0.19	4.80	0.25	6.40	0.25	6.40
⑧	0.50	12.7	0.50	12.7	0.50	12.7
⑨	1.50	38.1	1.50	38.1	1.50	38.1
⑩	2.00	50.8	2.00	50.8	2.00	50.8
⑪	0.62	15.7	0.75	19.0	0.62	15.7
⑫	2.00	50.8	2.00	50.8	2.00	50.8
⑬	5.13	130.3	5.13	130.3	5.13	130.3