

## Model SMT Series

Why INTERFACE SMT load cells are the best in class:

- Overload protected in both tension and compression
- Safe overload to 10 times capacity
- Ultra precision
- Low extraneous load sensitivity
- Low creep



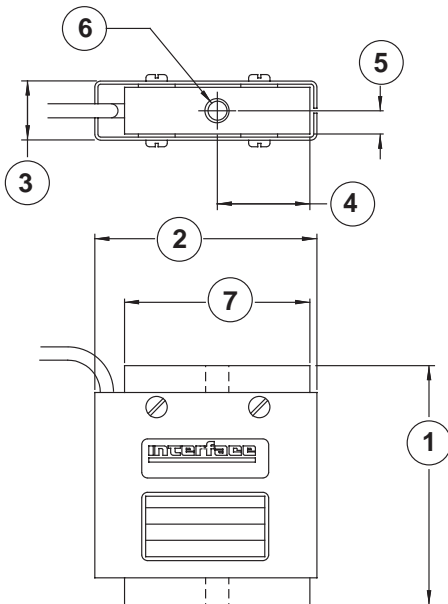
### OPTIONS\*

Extra cable length  
Standardized output

### ACCESSORIES\*

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-°F .....0 to 125  
Compensated Range-°C.....-15 to 50  
Operating Range-°F .....-10 to 175  
Operating Range-°C .....-25 to 80  
Effect on Output-%/°F – MAX .....±0.0010  
Effect on Zero-% RO/°F – MAX .....±0.0015

#### ELECTRICAL

Rated Output-mV/V (Nominal) .....2.0  
Zero Balance-% RO .....±3.0  
Bridge Resistance-Ohm (Nominal) ....350  
Excitation Voltage – MAX .....15 VDC  
Insulation Resistance-Megohm .....5000

#### MECHANICAL

Calibration .....T & C  
Safe Overload-% CAP (2.2, 11, 22) .....1000  
(112, 225, 450) .....500  
Cable length-ft .....5

### DIMENSIONS

See Drawing	CAPACITY (lbf)				CAPACITY (N)	
	1.1, 2.2, 11, 22		112, 225, 450		5, 10, 50, 100	500, 1kN, 2kN
	inch	mm	inch	mm	mm	mm
①	2.48	63.0	2.98	75.7	63.0	75.7
②	2.28	57.9	2.28	57.9	57.9	57.9
③	0.75	19.1	1.26	32.0	19.1	32.0
④	0.98	24.9	0.98	24.9	24.9	24.9
⑤	0.24	6.10	0.49	12.4	6.10	12.4
⑥	1/4-28 UNF-3B		1/2-20 UNF-3B		M6x1-6H	M12x1.75-6H
⑥	0.31 deep		0.57 deep		8.0 deep	14.5 deep
⑦	1.96	49.8	1.96	49.8	49.8	49.8