

## Model SMT Series Metric

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

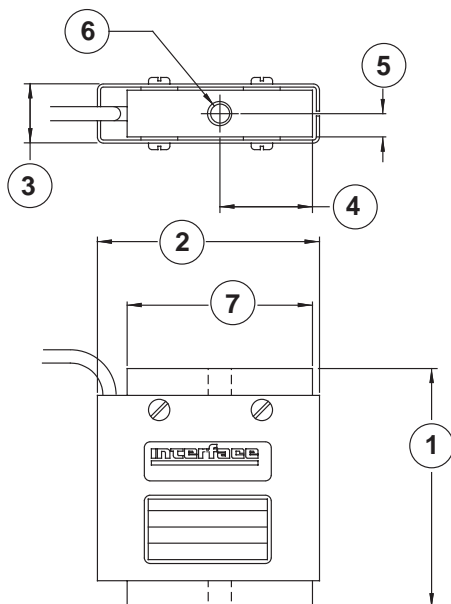
Compensated Range-F .....0 to 125  
Compensated Range-C .....-15 to 50  
Operating Range-F .....-10 to 175  
Operating Range-C .....-25 to 80  
Effect on Output-%/C – MAX .....± 0.0018  
Effect on Zero-% RO/C – MAX .....± 0.0027

#### 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 (10, 50, 100) ....1000  
(500, 1kN, 2kN) ....500  
Cable length – ft.....5



### DIMENSIONS

See Drawing	CAPACITY (N)	
	5, 10, 50, 100	500, 1kN, 2kN
	mm	mm
①	63.0	75.7
②	57.9	57.9
③	19.1	32.0
④	24.9	24.9
⑤	6.10	12.4
⑥	M6x1-6H	M12x1.75-6H
⑦	8.0 deep	14.5 deep
⑦	49.8	49.8