

Model 1500 Low Capacity Series

Why INTERFACE 1500 Load Cells are the best in class:

- .05% accuracy
- Compact 2 3/4" diameter
- Fatigue rated
- Eccentric load compensated*
- .0008%/°F temp effect on output*
- Tension or compression
- Shunt calibration
- Low deflection



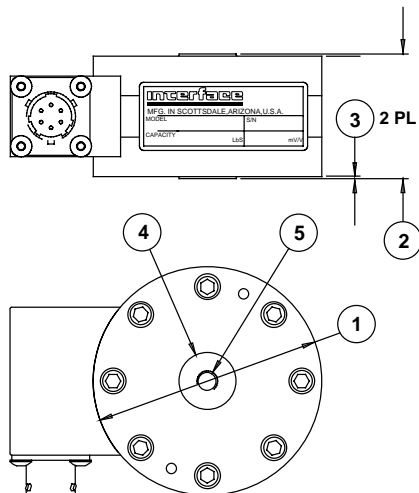
OPTIONS*

Dual bridge
Standardized output

ACCESSORIES*

Mating cable
Instrumentation
Mounting hardware

* Please call for additional information



SPECIFICATIONS

ACCURACY – (MAX ERROR)

Static Error Band–% FS± 0.05
Nonlinearity–% FS± 0.05
Hysteresis–% FS± 0.05
Nonrepeatability–% RO± 0.02
Creep, in 20 min.–%± 0.025
Eccentric Load Sensitivity–%/in.± 0.25

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)2.0
Zero Balance–% RO± 1.0
Bridge Resistance–Ohm (Nominal)700
Excitation Voltage – MAX20
Insulation Resistance – Megohm.....5000

MECHANICAL

CalibrationTens. & Comp.
Safe Overload–% CAP.± 150
Connector.....PT02E-10-6P
Deflection @ RO–inch0.003
Weight1 lb

DIMENSIONS

See Drawing	CAPACITY (lbf)	
	25, 50, 100, 200, 300	
	inch	mm
①	2.75	69.8
②	1.50	38.1
③	0.03	0.6
④	0.69	17.5
⑤	1/4-28 UNF	
⑤	0.25 in deep	