

INTERFACE

Model BPL Series Brake Pedal Load Cell Capacities 50, 100, 200, 300, 500

Why INTERFACE BPL Load Cells
are the best in class:

- Lowest nonlinearity and hysteresis of any brake pedal load cell – < 0.05%
- Ultra Low Height
- Low Sensitivity to Off-Center Loads - <1.0%/in
- Mounts directly to Pedal with Included Strap(s)
- Interchangeable Mounting Plates
- For Use with Gas, Brake or Clutch Pedal



SPECIFICATIONS

ACCURACY – (MAX ERROR)

Static Error Band	±0.05
Nonlinearity-% FS	±0.05
Hysteresis-% FS	±0.05
Nonrepeatability-% RO	±0.02
Creep, in 20 min.-%	±0.05
Eccentric Load Sensitivity-%/in.	±1%

TEMPERATURE

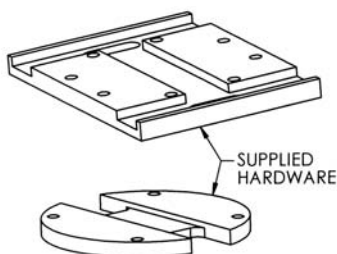
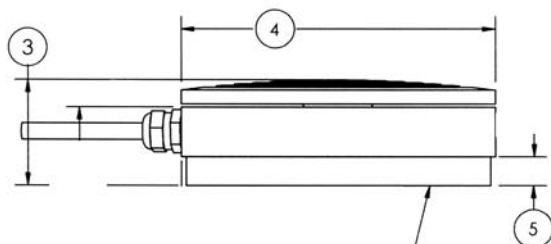
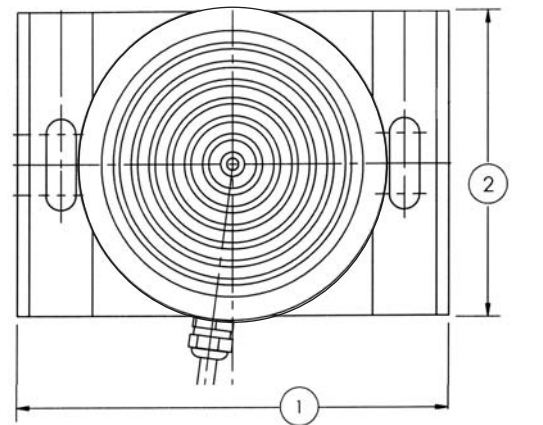
Compensated Range-°F	15 to 115
Compensated Range-°C	-10 to 45
Operating Range-°F	-65 to 200
Operating Range-°C	-55 to 90
Effect on Output-%/°F-MAX	±0.001
Effect on Zero-% RO/°F-MAX	±0.002

ELECTRICAL

Rated Output-mV/V (Nominal)	2.0
Zero Balance-% RO	±1.0
Bridge Resistance-Ohm (Nominal)	700
Excitation Voltage-MAX	15 VDC
Excitation Voltage-Nominal	10 VDC
Insulation Resistance-Megohm	> 5000
Deflection at Capacity (inch)	0.002

MECHANICAL

Calibration	Compression
Safe Overload-% CAP	150
Safe Overload-Side-% CAP:	40, any direction
Cable	10 ft



DIMENSIONS

See Drawing	CAPACITY (LBF) 50, 100, 200, 300, 500	
	inch	mm
①	3.60	91.4
②	2.50	63.5
③	0.88	22.3
④	2.58	65.5
⑤	0.24	6.1