

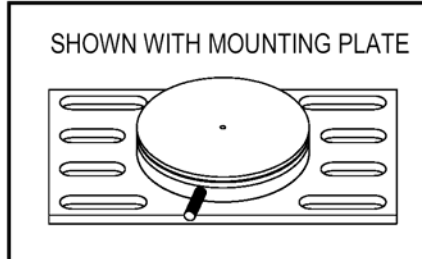
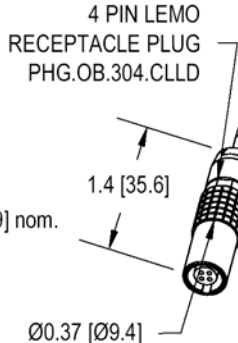
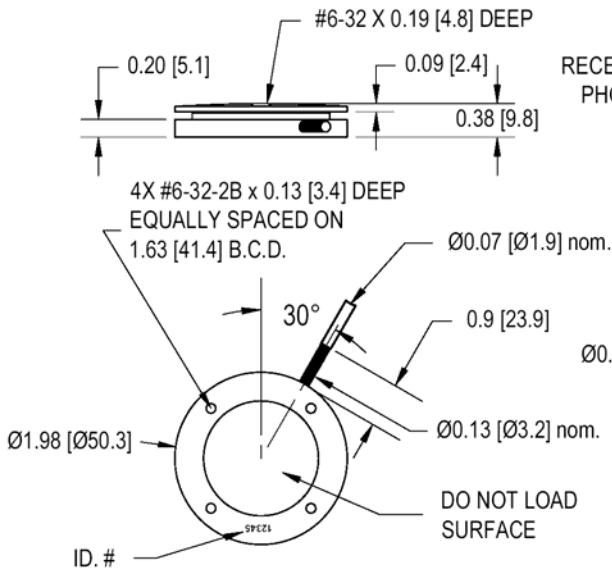
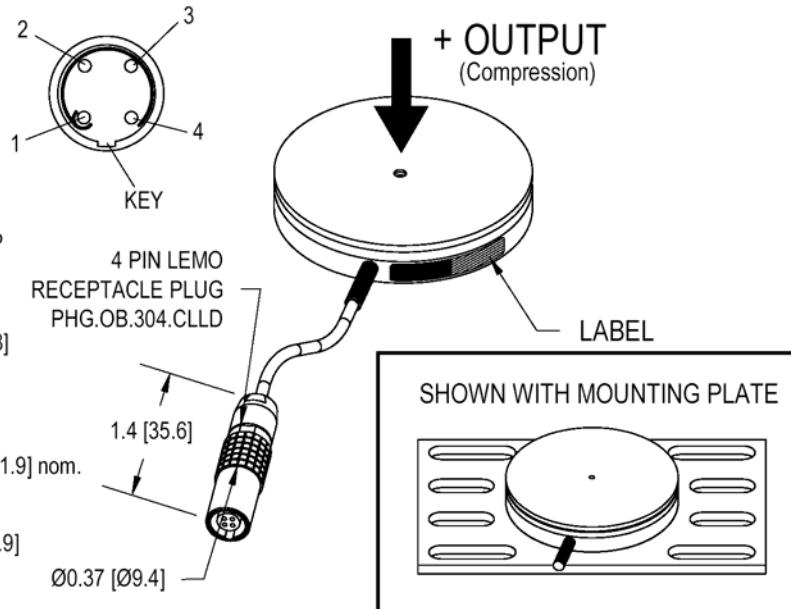
**Drawing Number: FI1047**

**INCH [mm] | R.O.= Rated Output**

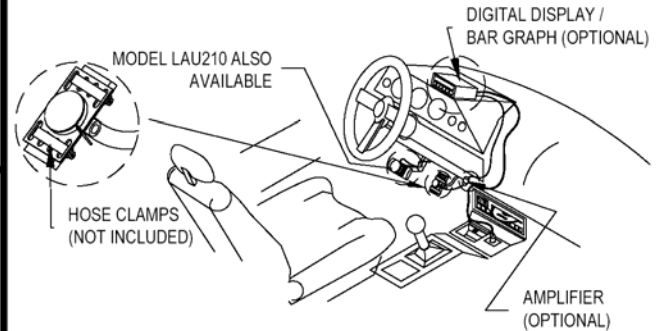
WIRING CODE (CC1)

+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
1	4	2	3

**ACCELERATOR AND PEDAL FORCE SENSOR**



**TYPICAL APPLICATION**



MODEL 200 INCLUDES (ONE OF EACH) TOTAL WEIGHT 2 lb [0.9 Kg]

STK#MCP00180 - MOUNTING PLATE  
 100 KOHM SHUNT CAL. CARRYING CASE AND  
 STK#FSH00173 - (mating connector and 10 ft cable)

**SPECIFICATIONS:**

**RATED OUTPUT** 2 mV/V nom.  
**SAFE OVERLOAD** 150% of R.O.  
**ZERO BALANCE** ±1% of R.O.  
**EXCITATION (VDC OR VAC)** 20 MAX  
**BRIDGE RESISTANCE** 700 Ω nom.  
**OFF CENTER LOADING** ±3-4% OR BETTER @ 0.625 FROM CENTER  
**NONLINEARITY** ±0.2% of R.O.  
**HYSTERESIS** ±0.2% of R.O.  
**NONREPEATABILITY** ±0.2% of R.O.  
**TEMP. SHIFT ZERO** ±0.01% of R.O./°F [0.018% of R.O./°C]  
**TEMP. SHIFT SPAN** ±0.01% of LOAD/°F [0.018% of LOAD/°C]  
**COMPENSATED TEMP.** 60 to 160°F [15 to 72°C]  
**OPERATING TEMP.** -60 to 200°F [-50 to 93°C]  
**WEIGHT** 6 oz [170 g]  
**MATERIAL** 17-4PH S.S.  
**DEFLECTION** 0.005 to 0.009 [0.127 to 0.229] nom.  
**CABLE:** #29 AWG, 4 Conductor, Spiral Shielded Teflon Cable  
 12 in (0.3 m) Long with 4 Pin LEMO Receptacle (EGG.OB.304.CLL)  
**ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE**  
**CALIBRATION (STD)** 5 pt. COMPRESSION; 100 K Ω SHUNT CAL VALUE  
**CALIBRATION TEST EXCITATION** 10 VDC

**CAPACITIES**

STK #	lb	N
FSH00218	10	44.5
FSH00219	25	111
FSH00220	50	222
FSH00221	100	445
FSH00222	300	1334

**MOUNTING PLATE (Aluminum, Clear Anodized)**

