LOW PROFILE UNIVERSAL PANCAKE LOAD CELL
(Previously L2901)

-OUTPUT
(TENSION)
+OUTPUT
(COMPRESSION)

12 X Ø3/8-24 HEX HEAD BOLT EQUALLY SPACED

BENDIX RECEPTACLE
PT02A-10-6P

MATING CONNECTOR
PT06A-10-6S-SR
(NOT INCLUDED)

1.12 [28.3] SQ.

3.50 [88.9]
2.52 [64.0]

Ø2.25 [Ø57.2]
4 X Ø0.25 [Ø6.4] SPANNER HOLES

SPECIFICATIONS:

RATED OUTPUT
4 mV/V nom.
SAFE OVERLOAD
150% of R.O.
ZERO BALANCE
±1% of R.O.
EXCITATION (VDC OR VAC)
20 MAX
BRIDGE RESISTANCE
350 Ω nom.
NONLINEARITY
±0.1% of R.O.
HYSTERESIS
±0.2% of R.O.
NONREPEATABILITY
±0.02% of R.O.
CREEP
±0.02% of LOAD
TEMP. SHIFT ZERO
±0.001% of R.O./*F [0.0018% of R.O./*C]
TEMP. SHIFT SPAN
±0.002% of LOAD/*F [0.0036% of LOAD/*C]
COMPENSATED TEMP.
60 to 180°F [15 to 72°C]
OPERATING TEMP.
-60 to 200°F [-50 to 93°C]
DEFLECTION
0.002 to 0.005 [0.05 to 0.13] nom.
MATERIAL
17-4PH S.S.
WEIGHT
20 lb (8.1 kg)
CONNECTOR: 6 Pin BENDIX Receptacle (PT02A-10-6P)
ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE
CALIBRATION (STD)
5 pt. COMPRESSION; 30 KN, SHUNT CAL. VALUE
CALIBRATION (AVAILABLE)
5pt TENSION
CALIBRATION TEST EXCITATION
10 VDC

OTHER AVAILABLE RECEPTACLES & MATING CONNECTORS
BENDIX RECEPTACLE (PC04E-10-6P)
BENDIX MATING CONNECTOR (PC06E-10-6S-SR)