

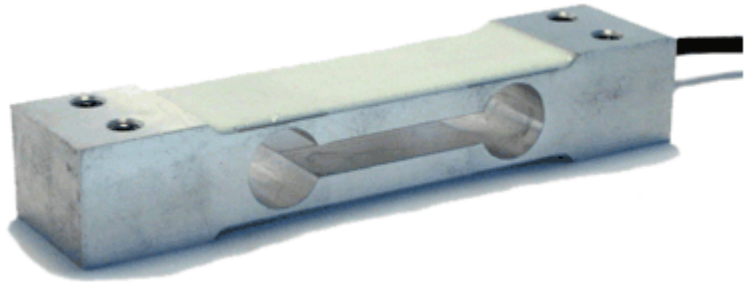
ECONOMICAL SINGLE POINT LOAD CELL

ESP SERIES BEAM LOAD CELL

CAPACITY RANGES:

6, 10, 15, 20, 25, 30,
35 Kg.

The ESP Series is a economical, high accurate single point load cell. It is ideal for OEM applications such as electronic scales and weighing machines. The single point design is highly resistant to eccentric loading allowing direct mounting to the scale base and weighing platform. The ESP Series features a moisture



SPECIFICATIONS

Rated Output (R.O.): 2 mV/V nominal
 Nonlinearity: 0.02% of R.O.
 Hysteresis: 0.02% of R.O.
 Nonrepeatability: 0.02% of R.O.
 Zero Balance: $\pm 1\%$ of R.O.
 Compensated Temp. Range: 14°F to 104°F
 Safe Temp. Range: 14°F to 140°F
 Temp. Effect on Output: 0.002% of Load/°F
 Temp. Effect on Zero: 0.002% of R.O./°F
 Terminal Resistance: 350 ohms nominal
 Excitation Voltage: 10 VDC (20 VDC max.)
 Safe Overload: 150% of R.O.
 Max. Weighing Platform Size: 11.8" x 11.8"

MODEL	CAPACITY Kg.	CAPACITY LBS.
ESP-6	6	13
ESP-10	10	22
ESP-15	15	33
ESP-20	20	44
ESP-25	25	55
ESP-30	30	66
ESP-35	35	77

CAPACITY Kg.	A	WEIGHT OZS.
6-20	1.181	7.1
25-35	1.575	9.2

