LOW PROFILE UNIVERSAL PANCAKE LOAD CELL

SPECIFICATIONS:

CAPACITY: 100 kN [444.8 kN]
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
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 160°F [15 to 72°C]
OPERATING TEMP.: -60 to 200°F [-50 to 93°C]
DEFLECTION: 0.003 [0.08] nom.
MATERIAL: 17-4PH S.S.
WEIGHT: 25 lb [11.3 kg]
CONNECTOR: 6 Pin BENDIX Receptacle (PT02A-10-6P)
ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE
CALIBRATION (STD): 5 pt. COMPRESSION; 30K Ω SHUNT CAL. VALUE
CALIBRATION (AVAILABLE): 5 pt. TENSION
CALIBRATION TEST EXCITATION: 10 VDC

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