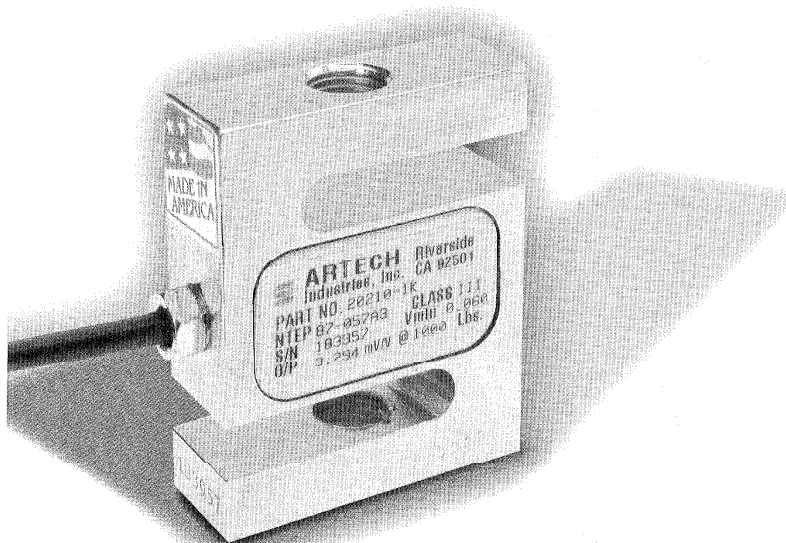


"a preferred name in load cell technology"

Model 20210



NTEP C.O.C. #87-057A3

## Type "S" Load Cell

### FEATURES:

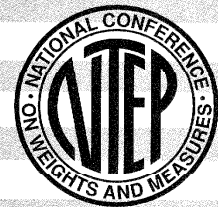
- 25 to 40,000 pounds capacities
- Complete environmental protection
- Stainless Steel versions available
- NTEP Certified versions available for Class III 5,000 divisions and Class III L 10,000 divisions
- Factory Mutual (F.M.) Approved †

### DESCRIPTION:

Economical load cell for use in tank weighing, scale conversions and in-line force measurement applications. The versatile and compact unit works in tension or compression and is lightweight. Also rugged and sealed for use in washdown areas. Standardized output available on request ( $3.0 \pm .1\%$ ).

### PERFORMANCE SPECIFICATIONS

<b>Standard Capacities (lbs.):</b>	25, 50, 75, 100, 150, 200, 250, 300, 500, 750, 1K, 1.5K, 2K, 2.5K, 3K, 5K, 10K, 15K, 20K, 30K, 40K
<b>Excitation Voltage:</b>	10VDC - Maximum 15VDC
<b>Rated Output:</b>	3.0 mv/v Minimum
<b>Non-Linearity:</b>	< 0.03% FSO (Full Scale Output)
<b>Hysteresis:</b>	< 0.02% FSO
<b>Non-Repeatability:</b>	< 0.01% FSO
<b>Zero Balance:</b>	$\pm 1.0\%$ FSO
<b>Bridge Resistance:</b>	350 ohms nominal
<b>Safe Overload:</b>	150% of Rated Capacity
<b>Temperature:</b>	
<b>Compensated Range:</b>	0 - 150 deg. F
<b>Effect on Output:</b>	< 0.0008% FSO/deg. F
<b>Effect on Zero:</b>	< 0.0011% FSO/deg. F
<b>Finish:</b>	Electroless Nickel/Chrome Plated



APPROVED

