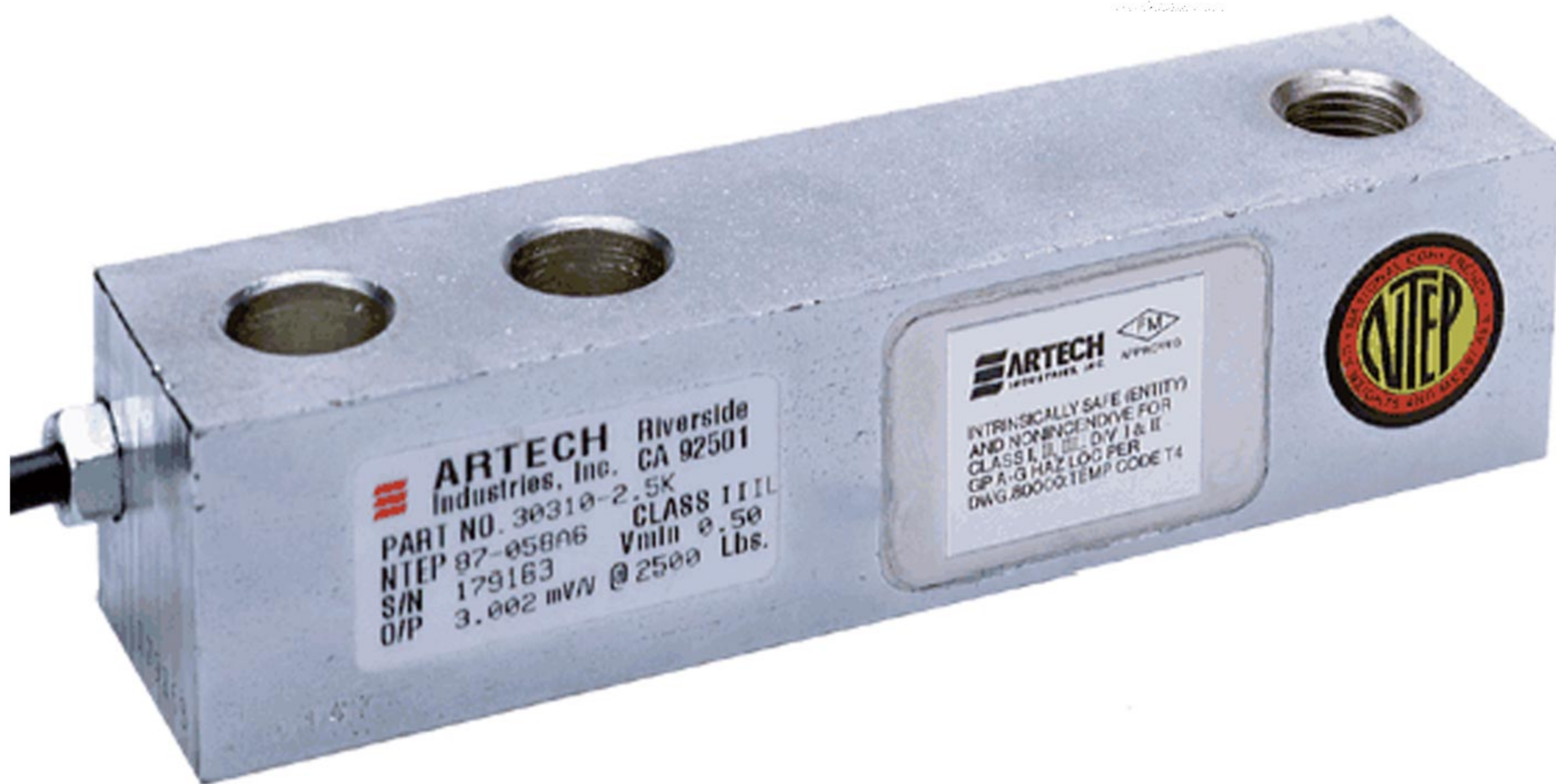


"a preferred name in load cell technology"

## Model SS30310



NTEP C.O.C. #90-032

### Rectangular Shear Beam Load Cell

#### FEATURES:

- Model SS30310 threaded hole
- Model SS30210 through hole
- 250 to 20K pounds capacities
- Complete environmental protection
- NTEP certified versions available for Class III 5000 division  
Class III L 10,000 division
- Factory Mutual (F.M.) Approved †

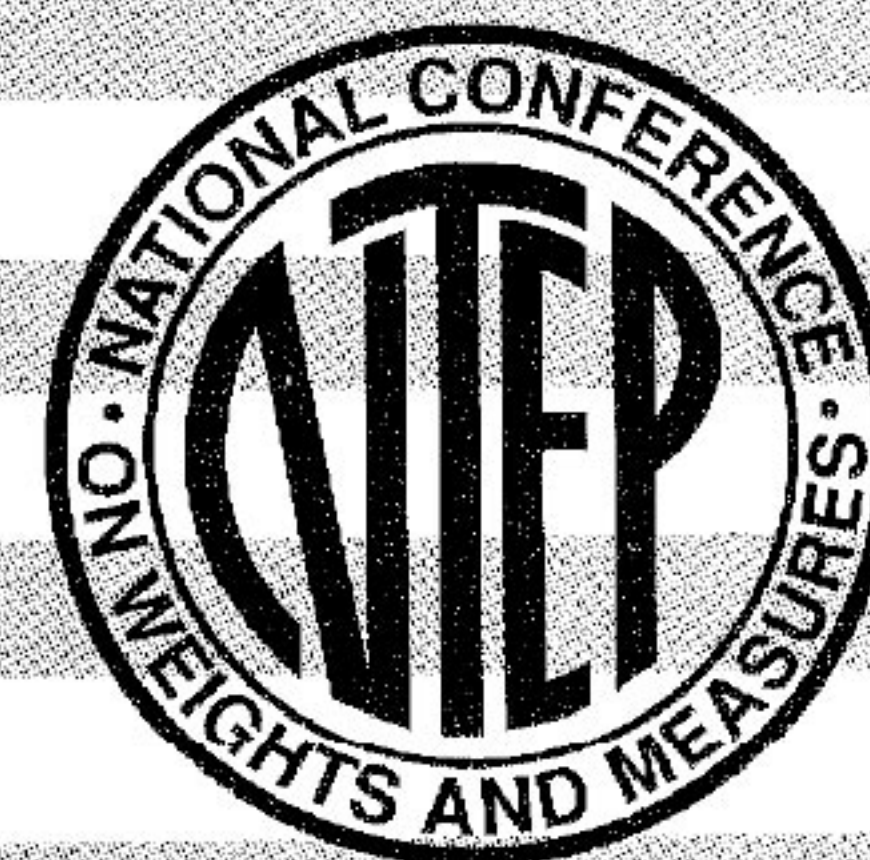
#### DESCRIPTION:

A versatile Stainless Steel Load Cell designed for multiple use in low profile and platform scales, and in tank, bin, and hopper weighing systems. Stainless steel construction ensures durability and precision performance. The cell is environmentally protected with waterproof seal. Mounting plates are also available (see accessories).

#### PERFORMANCE SPECIFICATIONS

<b>Standard Capacities (lbs.):</b>	*250, *500, 1K, 2K, 2.5K, 3K, 4K, 5K, 5KLE, 10K, 15K, 20K
<b>Excitation Voltage:</b>	10VDC - Maximum 15VDC
<b>Rated Output:</b>	3.0 mv/v + .25%
<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>	±1.0% FSO
<b>Bridge Resistance:</b>	350 ± 3.5 ohms
<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

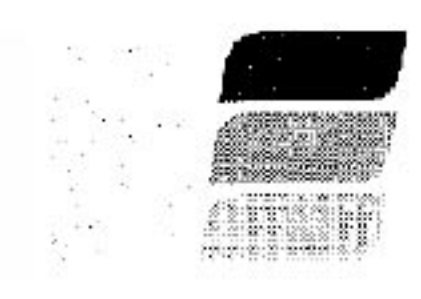
\* Bending Beam



APPROVED



# Model SS30310



CAPACITY LBS.	PART NO.	A	B	C	D	E	F	G	H	I-THREADS
250 - 5K	SS30310 - XX	5.12	1.25	1.25	.53	.60	1.00	3.00	.60	1/2 - 20 UNF - 2B
5KLE - 10K	SS30310 - XX	6.75	1.50	1.50	.78	.75	1.50	3.75	.75	3/4 - 16 UNF - 2B
15K - 20K	SS30310 - XX	8.75	2.00	2.00	1.03	1.00	2.00	4.75	1.00	1 - 14 UNF - 2B

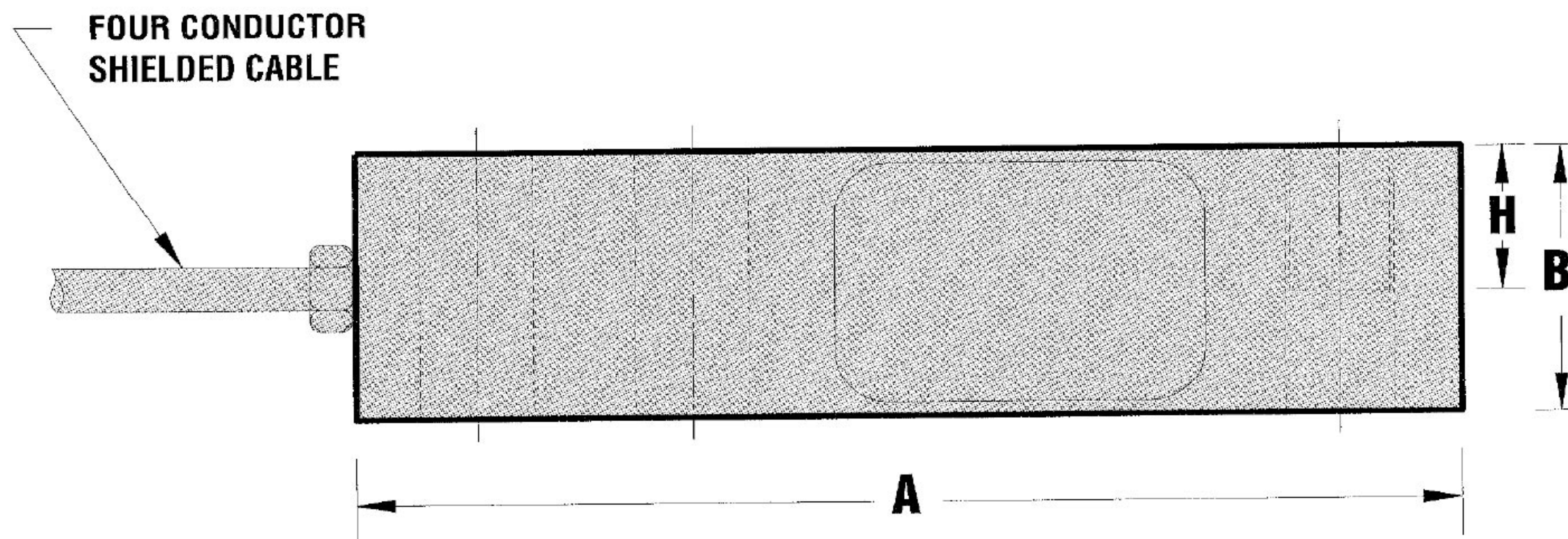
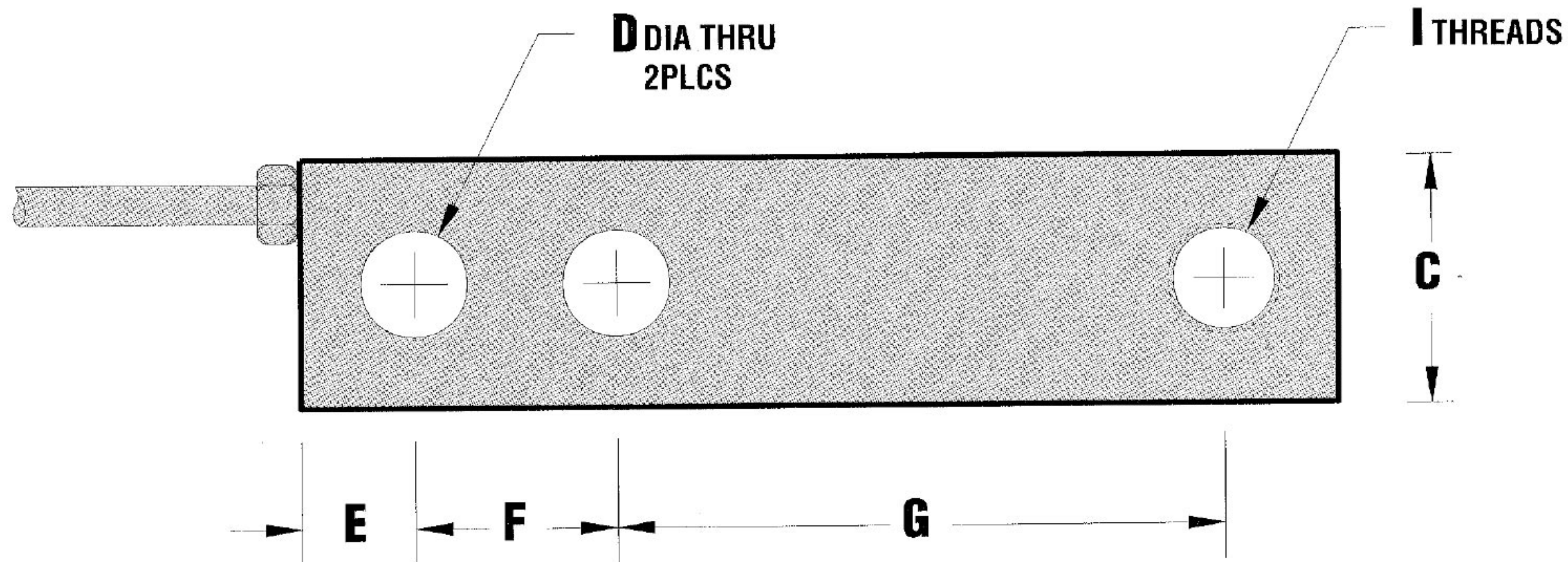
## ELECTRICAL TERMINATION

INPUT      OUTPUT      SHIELD

RED (+)    GREEN (+)

BLACK (-)    WHITE (-)

**COMPRESSION POSITIVE**



† Factory Mutual Systems approved as intrinsically safe when installed per F.M. approved installation drawing. Contact ARTECH sales department for details.

Represented by:



**Totalcomp**®

**Scales & Components**

201-797-2718 \* 800-631-0347