



Mounting hardware shown in the picture included.

### DIMENSIONS

| RATED CAPACITY                                    | C1   | C2   | C3   | H     | H1   | L     | L1    | W     | W1    |
|---|------|------|------|-------|------|-------|-------|-------|-------|
| <b>kg/mm</b>                                      |      |      |      |       |      |       |       |       |       |
| 5,000- 30,000                                     | 18.0 | 88.0 | 30.0 | 229.3 | 11.0 | 240.0 | 125.0 | 135.0 | 100.0 |
| 50,000  | 21.0 | 98.0 | 40.0 | 251.3 | 11.0 | 340.0 | 160.0 | 160.0 | 124.0 |
| <b>lb/inches</b> (conversion of above dimensions) |      |      |      |       |      |       |       |       |       |
| 11,023.1-66,138.7                                 | 0.71 | 3.46 | 1.18 | 9.03  | 0.43 | 9.45  | 4.92  | 5.31  | 3.94  |
| 110,231.1   | 0.83 | 3.86 | 1.57 | 9.89  | 0.43 | 13.39 | 6.30  | 6.30  | 4.88  |

DOUBLE ENDED BEAMS

### SPECIFICATIONS

|                          |                            |                                      |   |
|--------------------------|----------------------------|--------------------------------------|---|
| <b>Full Scale Output</b> | 2.0 ± 0.25% mV/V           | <b>Recommended Excitation</b>        | 10V (15V Maximum)   |
| <b>Zero Balance</b>      | ± 0.02 mV/V                | <b>Insulation Resistance</b>         | >2 [ 50V DC ] GΩ  |
| <b>Non-linearity</b>     | < ± 0.023%                 | <b>Compensated Temperature Range</b> | -10°C to 50°C / 14°F to 122°F                                       |
| <b>Repeatability</b>     | < ± 0.017%                 | <b>Safe Overload</b>                 | 150% of full scale  |
| <b>Hysteresis Error</b>  | < ± 0.023%                 | <b>Breaking Overload</b>             | 300% of full scale  |
| <b>Creep in 30 min.</b>  | < ± 0.023%                 | <b>Seal Type / IP Rating</b>         | Environmentally Sealed / IP67                                       |
| <b>Input Resistance</b>  | 770 Ω ± 30                 | <b>Cable Color Code</b>              | Exc+ Red      Exc- Black<br>Sig+ Green    Sig- White<br>Shield Bare |
| <b>Output Resistance</b> | 700 Ω ± 5                  |                                      |   |
| <b>Element Material</b>  | Alloy Steel, Nickel Plated |                                      |   |

### PART NUMBER

| Rated Capacity | Part No.       | Shipping Weight (kg) Approx. |
|----------------|----------------|------------------------------|
| 5t.....        | 102AH-5t.....  | 16.0                         |
| 10t.....       | 102AH-10t..... | 16.0                         |
| 15t.....       | 102AH-15t..... | 16.0                         |
| 20t.....       | 102AH-20t..... | 17.0                         |
| 25t.....       | 102AH-25t..... | 17.0                         |
| 30t.....       | 102AH-30t..... | 17.0                         |
| 50t.....       | 102AH-50t..... | 31.0                         |