

# ▶ CI-BBS

▶ SINGLE-ENDED BEAM

▶ STAINLESS STEEL

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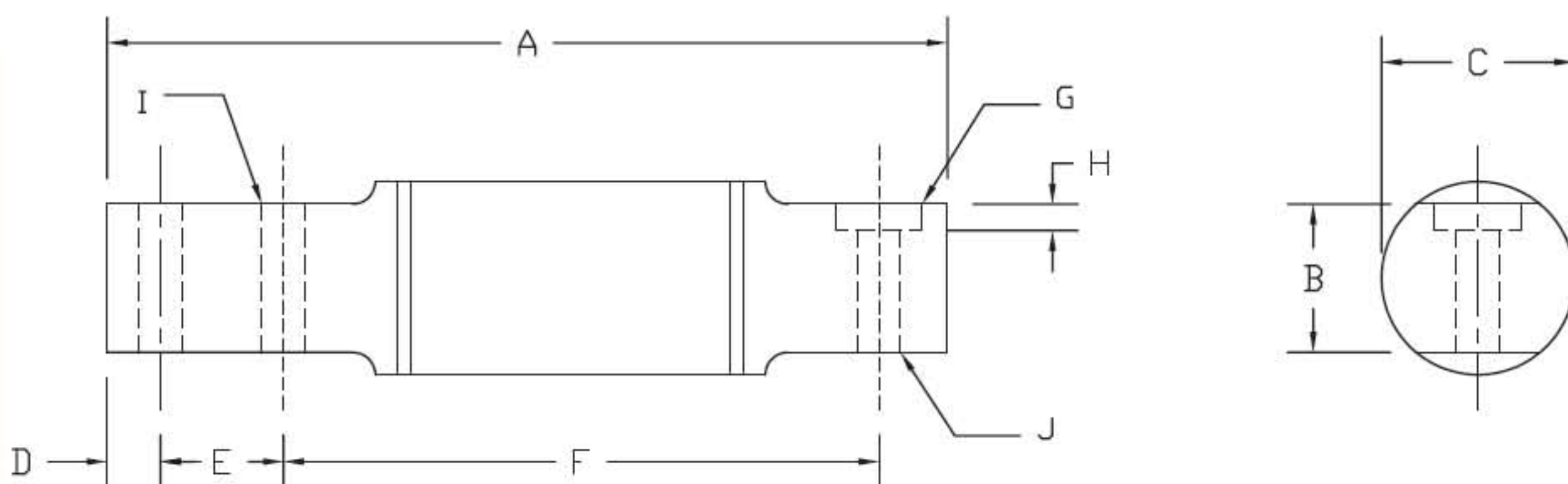
## CI-BBS ORDER INFORMATION

50 lb, 100lb, 200 lb, 250 lb, 500 lb, 1K SE  
1KLE  
2.5K  
5K  
7.5K

## INTERCHANGEABLE PRODUCTS

|                                 |                      |
|---------------------------------|----------------------|
| Rice Lake Weighing Systems..... | RL40BBS              |
| Sensortronics.....              | 60007                |
| BLH .....                       | LBG1                 |
| Fairbanks .....                 | 3-481XX-1, 3-486XX-1 |
| HBM.....                        | BBS1, BBS2           |
| General Sensor.....             | GBB                  |
| Nikkei.....                     | NBB                  |
| Artech.....                     | 40310                |

## Main Dimensions and Accessories



| RATED CAPACITY | DIMENSIONS |  |       |      |      |      |      |      |      |      |      |      |
|----------------|------------|--|-------|------|------|------|------|------|------|------|------|------|
|                |            |  | A     | B    | C    | D    | E    | F    | G    | H    | I    | J    |
| 50LB-100LB     |            |  | 6.00  | 1.06 | 1.26 | 0.38 | 0.88 | 4.25 | -    | -    | 0.31 | 0.31 |
| 200LB-1K       |            |  | 6.62  | 1.06 | 1.26 | 0.50 | 1.12 | 4.25 | -    | -    | 0.51 | 0.51 |
| 1KLE-2.5K      |            |  | 11.38 | 1.25 | 2.00 | 0.50 | 1.75 | 8.25 | 1.19 | 0.12 | 0.53 | 0.62 |
| 5K-7.5K        |            |  | 12.75 | 2.75 | 4.50 | 0.75 | 2.00 | 8.50 | 1.38 | 0.19 | 0.78 | 0.76 |

## ▶ SPECIFICATIONS ◀

|                              |                                                 |                                        |                                         |
|------------------------------|-------------------------------------------------|----------------------------------------|-----------------------------------------|
| Rated Output (mV/V)          | 2.00                                            | Bridge Resistance                      | 750= 50# thru 1Kse, 350= 1Kle thru 7.5K |
| Nonlinearity                 | +/- 0.02% FS                                    | Insulation Resistance                  | 5000 Megohms                            |
| Hysteresis                   | +/- 0.02% FS                                    | Excitation Voltage                     | 10V AC/DC (15V Max)                     |
| Repeatability                | +/- 0.01% FS                                    | Compensated Temperature Range          | -10°C - +50°C                           |
| Creep (30 minutes)           | +/- 0.02% FS                                    | Operating Temperature Range            | -20°C - +60°C                           |
| Zero Balance                 | +/- 1.00% FS                                    | Safe Overload                          | 150% FS                                 |
| Temperature Effect on Zero   | +/- 0.02% FS/10° C                              | Cable Length                           | 30' Standard Cable                      |
| Temperature Effect on Output | +/- 0.02% FS/10° C                              | Seal Type                              | Environmentally-Sealed, IP67            |
| Cable Color Code             | Input<br>Green +Excitation<br>Black -Excitation | Output<br>White +Signal<br>Red -Signal |                                         |