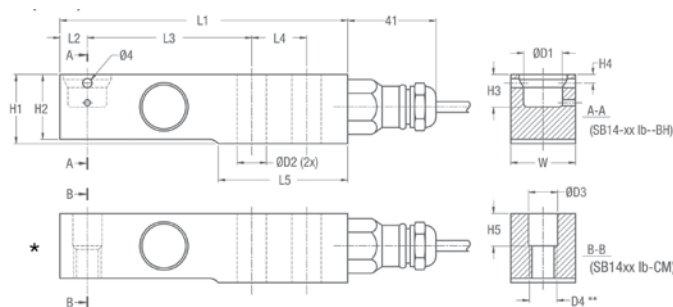




Picture is a representation of actual product



\* SB14XXCM versions available by special order

### SPECIFICATIONS:

|                                                          |                                                                                                                             |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Full Scale Output:</b>                                | 2.0 mV/V                                                                                                                    |
| <b>Bridge Resistance:</b>                                | 1000 ohms, nominal                                                                                                          |
| <b>Material/Finish:</b>                                  | Stainless steel                                                                                                             |
| <b>Temperature:</b>                                      | Compensated range<br>14°F to 104°F/-10°C to 40°C                                                                            |
| <b>Safe Overload:</b>                                    | 200% Full scale                                                                                                             |
| <b>Safe Sideload:</b>                                    | 100% Full scale                                                                                                             |
| <b>Rated Excitation:</b>                                 | 10V DC (15V maximum)                                                                                                        |
| <b>Insulation Resistance:</b>                            | 5000 megohms                                                                                                                |
| <b>Combined Effect of Nonlinearity &amp; Hysteresis:</b> | ± 0.03% Full scale                                                                                                          |
| <b>Seal Type:</b>                                        | Hermetically sealed, IP68                                                                                                   |
| <b>Cable Length:</b>                                     | 10'/3.1 m                                                                                                                   |
| <b>Cable Diameter:</b>                                   | .196 polyurethane jacket                                                                                                    |
| <b>Cable Color Code:</b>                                 | Green ..... + Excitation<br>Black ..... - Excitation<br>White ..... + Signal<br>Red ..... - Signal<br>Yellow ..... - Shield |
| <b>Warranty:</b>                                         | One-year limited warranty                                                                                                   |

**Approvals:**



### DIMENSIONS

| Rated Capacity   | A     | B    | C    | D    | E    | F    | G    | H    | I          | J    |
|------------------|-------|------|------|------|------|------|------|------|------------|------|
| <b>lb/inches</b> |       |      |      |      |      |      |      |      |            |      |
| 500-1000         | 5.25  | 3.00 | 1.00 | .60  | 1.16 | 2.36 | 1.61 | 1.18 | 1/2-20 UNF | 1.22 |
| 2500             | 5.25  | 3.00 | 1.00 | .60  | 1.21 | 2.36 | 1.61 | 1.18 | 1/2-20 UNF | 1.22 |
| 5000             | 5.25  | 3.00 | 1.00 | .60  | 1.22 | 2.36 | 1.61 | 1.18 | 1/2-20 UNF | 1.22 |
| <b>kg/mm</b>     |       |      |      |      |      |      |      |      |            |      |
| 226.8-453.6      | 133.4 | 76.2 | 25.4 | 15.2 | 29.5 | 60.0 | 41   | 30.0 | 1/2-20 UNF | 31.0 |
| 1134.0           | 133.4 | 76.2 | 25.4 | 15.2 | 30.7 | 60.0 | 41   | 30.0 | 1/2-20 UNF | 31.0 |
| 2268.0           | 133.4 | 76.2 | 25.4 | 15.2 | 30.9 | 60.0 | 41   | 30.0 | 1/2-20 UNF | 31.0 |

### SB14 Order Information-CU Version

| Load Rating        | Part# | Price   |
|--------------------|-------|---------|
| 500 lb (453.6 kg)  | 41167 | Consult |
| 1000 lb (453.6 kg) | 41168 | Consult |
| 2500 lb (1134 kg)  | 41169 | Consult |
| 5000 lb (2268 kg)  | 41170 | Consult |

CU versions have a counterbore/unified thread 1/2-20 UNF

\*BH versions have a blind load hole