

SINGLE-ENDED BEAM

RLH35

Stainless Steel, NTEP Certified 1:5000 Class IIIIL Multiple Cell, Welded-seal, IP67



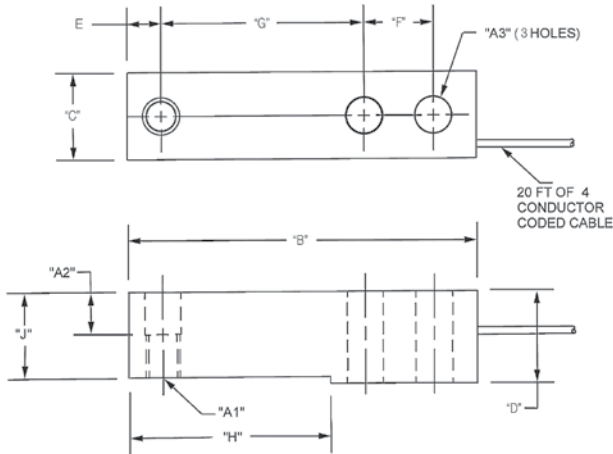
Dimensions

Picture is a representation of actual product

| Rated Capacity | A1           | A2   | A3   | C    | D    | B      | E    | F    | G    | H    | J     |
|----------------|--------------|------|------|------|------|--------|------|------|------|------|-------|
| lb/in          |              |      |      |      |      |        |      |      |      |      |       |
| 500-5,000      | 1/2-20UNF-2B | 0.62 | 0.53 | 1.21 | 1.19 | 5.12   | 0.50 | 1.00 | 3.00 | 2.85 | 1.120 |
| kg/mm          |              |      |      |      |      |        |      |      |      |      |       |
| 226.8-2,268.0  | 1/2-20UNF-2B | 15.8 | 13.5 | 30.7 | 30.2 | 130.05 | 12.7 | 25.4 | 76.2 | 72.4 | 28.4  |

Order Information

| Load Rating |            | Part#  | Est. Weight | Price   |
|-------------|------------|--------|-------------|---------|
| 500 lb      | 226.8 kg   | 106038 | 4 lb        | Consult |
| 1,000 lb    | 453.6 kg   | 106039 | 4 lb        | Consult |
| 2,500 lb    | 1,134.0 kg | 106040 | 4 lb        | Consult |
| 4,000 lb    | 1,814.4 kg | 106041 | 4 lb        | Consult |
| 5,000 lb    | 2,268.0 kg | 106042 | 4 lb        | Consult |



Interchangeable Products

|                          |   |
|--------------------------|---|
| METTLER TOLEDO®          |   |
| 500lb-8 ft cable .....   | — |
| TB601019-008             |   |
| 1,000lb-20ft cable ..... | — |
| TB601016-020             |   |
| 2,500lb-8 ft cable ..... | — |
| TB601016-008             |   |

Specifications

|                                |                                                                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Full Scale Output:</b>      | 3.0mV/V                                                                                                             |
| <b>Output Resistance:</b>      | 350 ohms, nominal                                                                                                   |
| <b>Input Resistance:</b>       | 385 ohms, nominal                                                                                                   |
| <b>Material/Finish:</b>        | Stainless steel                                                                                                     |
| <b>Temperature:</b>            | Compensated range: 14° F to 104° F/-10° C to 40° C<br>Operating range: -40° F to 150° F/-40° C to 65° C             |
| <b>Safe Overload:</b>          | 150% full scale                                                                                                     |
| <b>Rated Excitation:</b>       | 5-10 VDC (15 V maximum)                                                                                             |
| <b>Nonlinearity:</b>           | 0.02% full scale                                                                                                    |
| <b>Hysteresis:</b>             | 0.02% full scale                                                                                                    |
| <b>Insulation Resistance:</b>  | 5,000 megohms                                                                                                       |
| <b>Seal Type:</b>              | Welded-seal, IP67                                                                                                   |
| <b>Cable Length:</b>           | 20 ft (6.1 m)                                                                                                       |
| <b>Cable Diameter:</b>         | 0.190 polyurethane jacket                                                                                           |
| <b>Deflection at Capacity:</b> | 500 lb to 5,000 lb=0.02 in (0.508 mm)                                                                               |
| <b>Cable Color Code:</b>       | Green .....+ Excitation<br>Black.....- Excitation<br>White .....+ Signal<br>Red .....- Signal<br>Yellow .....Shield |
| <b>Warranty:</b>               | Two-year limited warranty                                                                                           |
| <b>Approvals:</b>              |                                                                                                                     |

