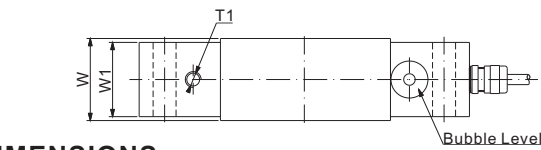
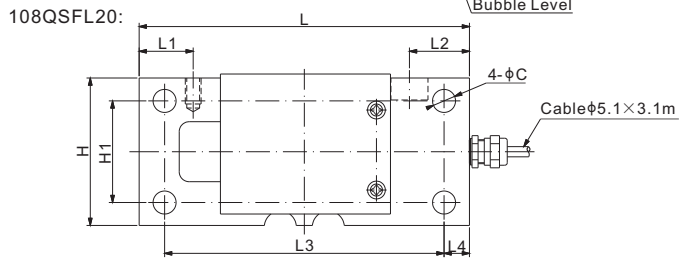
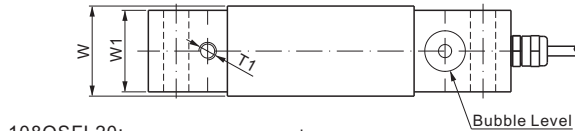
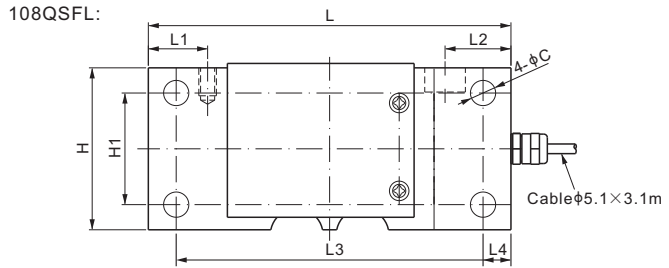


# 108QSFL



## Stainless Steel



### DIMENSIONS

| RATED CAPACITY                                | C    | H    | H1   | L     | L1   | L2   | L3    | L4   | W    | W1   | T1                    |
|---|------|------|------|-------|------|------|-------|------|------|------|-----------------------|
| <b>lb/inches</b>                              |      |      |      |       |      |      |       |      |      |      |                       |
| 250   | 0.45 | 2.90 | 2.00 | 6.50  | 1.06 | 1.18 | 5.50  | 0.50 | 1.61 | 1.46 | 5/16-18 UNC Depth13   |
| <b>kg/mm</b> (conversion of above dimensions) |      |      |      |       |      |      |       |      |      |      |                       |
| 113.4   | 11.5 | 73.7 | 50.8 | 165.1 | 27.0 | 30.0 | 139.7 | 12.7 | 41.0 | 37.1 | 5/16-18 UNC Depth0.51 |

### SPECIFICATIONS

|                          |                       |                                      |   |
|--------------------------|-----------------------|--------------------------------------|---|
| <b>Full Scale Output</b> | 1.0 mV/V $\pm$ 10%    | <b>Recommended Excitation</b>        | 10V (15V Maximum)   |
| <b>Zero Balance</b>      | $\pm$ 0.02 mV/V       | <b>Reference Max. Platform Size</b>  | 400 $\times$ 450 mm   |
| <b>Non-linearity</b>     | $< \pm$ 0.020%        | <b>Insulation Resistance</b>         | $>$ 2 [ 50V DC ] G $\Omega$                                       |
| <b>Repeatability</b>     | $< \pm$ 0.020%        | <b>Compensated Temperature Range</b> | -10°C to 50°C / 14°F to 122°F                                     |
| <b>Hysteresis Error</b>  | $< \pm$ 0.020%        | <b>Safe Overload</b>                 | 150% of full scale  |
| <b>Creep in 30 min.</b>  | $< \pm$ 0.030%        | <b>Breaking Overload</b>             | 300% of full scale  |
| <b>Input Resistance</b>  | 385 $\Omega$ $\pm$ 15 | <b>Seal Type / IP Rating</b>         | Environmentally Sealed / IP66                                     |
| <b>Output Resistance</b> | 350 $\Omega$ $\pm$ 3  | <b>Cable Color Code</b>              | Exc+ Red    Exc- Black<br>Sig+ Green    Sig- White    Shield Bare |
| <b>Element Material</b>  | 2Cr13 Stainless Steel |                                      |   |

### PART NUMBER\*

| Rated Capacity | Part No.                 | Weight Approx. (kg) |
|----------------|--------------------------|---------------------|
| 250lb.....     | 108QSFL-250lb-YZ.....    | 2.6                 |
|                | 108QSFL-250lb-YZ-01..... | 2.6                 |

### Output 2.0mV/V $\pm$ 10% Version\*:

|            |                            |     |
|------------|----------------------------|-----|
| 250lb..... | 108QSFL20-250lb-YZ-02..... | 2.6 |
|------------|----------------------------|-----|

This version is not interchange with FLS or RLFLS  
Reference Max. Platform Size: 609x609mm

\*ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

### INTERCHANGEABLE REFERENCE

| Brand                   | Model |
|-------------------------|-------|
| Avery Weigh-Tronix..... | FLS   |
| Rice Lake.....          | RLFLS |

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