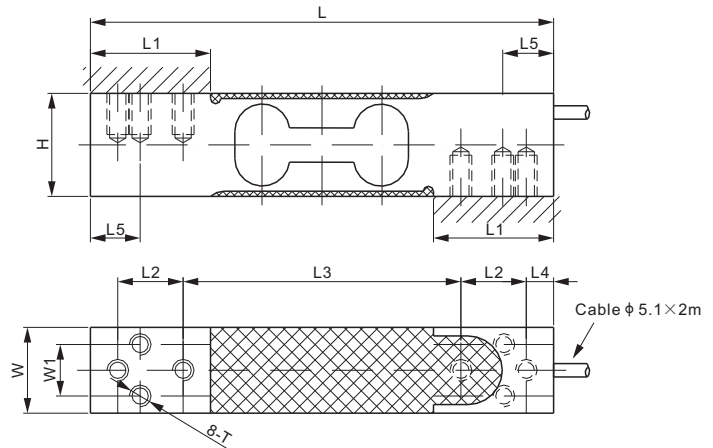


# 108KS; 108KSUN

ANYLOAD

## Stainless Steel



### DIMENSIONS

| RATED CAPACITY                                    | H    | L     | L1   | L2   | L3   | L4   | L5   | W    | W1   | T                      |
|---------------------------------------------------|------|-------|------|------|------|------|------|------|------|------------------------|
| <b>108KS:</b>                                     |      |       |      |      |      |      |      |      |      |                        |
| <b>kg/mm</b>                                      |      |       |      |      |      |      |      |      |      |                        |
| 4-150                                             | 30.0 | 135.0 | 35.0 | 19.1 | 81.0 | 8.0  | 14.5 | 25.0 | 15.0 | M6 Depth12             |
| <b>lb/inches</b> (conversion of above dimensions) |      |       |      |      |      |      |      |      |      |                        |
| 8.8-330.7                                         | 1.18 | 5.31  | 1.38 | 0.75 | 3.19 | 0.31 | 0.57 | 0.98 | 0.59 | M6 Depth0.47           |
| <b>108KSUN:</b>                                   |      |       |      |      |      |      |      |      |      |                        |
| <b>kg/mm</b>                                      |      |       |      |      |      |      |      |      |      |                        |
| 4-150                                             | 30.0 | 135.0 | 35.0 | 19.1 | 81.0 | 8.0  | 14.5 | 25.0 | 15.0 | 1/4-20UNC-2B Depth12   |
| <b>lb/inches</b> (conversion of above dimensions) |      |       |      |      |      |      |      |      |      |                        |
| 8.8-330.7                                         | 1.18 | 5.31  | 1.38 | 0.75 | 3.19 | 0.31 | 0.57 | 0.98 | 0.59 | 1/4-20UNC-2B Depth0.47 |

### SPECIFICATIONS

|                   |                       |                               |                                                                   |
|-------------------|-----------------------|-------------------------------|-------------------------------------------------------------------|
| Full Scale Output | 2.0 mV/V ± 10%        | Recommended Excitation        | 10V (15V Maximum)                                                 |
| Zero Balance      | ± 0.02 mV/V           | Reference Max. Platform Size  | 400 × 400 mm                                                      |
| Non-linearity     | < ± 0.017%            | Insulation Resistance         | > 2 [ 50V DC ] GΩ                                                 |
| Repeatability     | < ± 0.017%            | Compensated Temperature Range | -10°C to 50°C / 14°F to 122°F                                     |
| Hysteresis Error  | < ± 0.017%            | Safe Overload                 | 150% of full scale                                                |
| Creep in 30 min.  | < ± 0.023%            | Breaking Overload             | 300% of full scale                                                |
| Input Resistance  | 385Ω ± 15             | Seal Type / IP Rating         | Environmentally Sealed / IP66                                     |
| Output Resistance | 350Ω ± 3              | Cable Color Code              | Exc+ Red    Exc- Black<br>Sig+ Green    Sig- White    Shield Bare |
| Element Material  | 2Cr13 Stainless Steel |                               |                                                                   |

### PART NUMBER\*

| Rated Capacity | Part No.         | Weight Approx. (kg) |
|----------------|------------------|---------------------|
| 4kg            | 108KS-4kg-YZ     | 0.65                |
|                | 108KSUN-4kg-YZ   | 0.65                |
| 7kg            | 108KS-7kg-YZ     | 0.65                |
|                | 108KSUN-7kg-YZ   | 0.65                |
| 10kg           | 108KS-10kg-YZ    | 0.65                |
|                | 108KSUN-10kg-YZ  | 0.65                |
| 15kg           | 108KS-15kg-YZ    | 0.65                |
|                | 108KSUN-15kg-YZ  | 0.65                |
| 20kg           | 108KS-20kg-YZ    | 0.65                |
|                | 108KSUN-20kg-YZ  | 0.65                |
| 30kg           | 108KS-30kg-YZ    | 0.65                |
|                | 108KSUN-30kg-YZ  | 0.65                |
| 50kg           | 108KS-50kg-YZ    | 0.65                |
|                | 108KSUN-50kg-YZ  | 0.65                |
| 75kg           | 108KS-75kg-YZ    | 0.65                |
|                | 108KSUN-75kg-YZ  | 0.65                |
| 100kg          | 108KS-100kg-YZ   | 0.65                |
|                | 108KSUN-100kg-YZ | 0.65                |
| 150kg          | 108KS-150kg-YZ   | 0.65                |
|                | 108KSUN-150kg-YZ | 0.65                |

### INTERCHANGEABLE REFERENCE

| Brand                  | Model                               |
|------------------------|-------------------------------------|
| <b>108KS</b>           |                                     |
| Flintec                | PC30                                |
| Vishay TedeA-Huntleigh | 1130 (mounting hole: M6)            |
| <b>108KSUN</b>         |                                     |
| Avery Weigh-Tronix     | MK29                                |
| Coti Global            | CG-1130                             |
| Vishay TedeA-Huntleigh | 1130<br>(mounting hole: 1/4"-20UNC) |

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

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