**Load cell**

**Model: AS-1 Dimensions:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CAP****(t)** | **A****(mm)** | **B****(mm)** | **C****(mm)** | **2-M** |
| 2 | 76.2 | 108 | 25.4 | M18x1.5 |
| 3 | 76.2 | 108 | 25.4 | M18x1.5 |
| 5 | 88 | 124 | 38 | M24x2 |
| 10 | 126 | 178 | 50 | M30x2 |

   **2-5t 10t** ![381C6O(U~]LY0`T3AWLBY%P]() 

* Tension load cell, the classic S type structure
* Equivalent to OIML R60 C3 regulations up to  3000d for scales class III
* Protection to IP66

**Specifications**

|  |  |  |
| --- | --- | --- |
| Output sensitivity | mV/V | 2 |
| Nonlinearity | %FS | ≤0.025 |
| Hysteresis | %FS | ≤0.025 |
| Repeatability | %FS | ≤0.01 |
| Zero balance | %FS | ≤1.00 |
| Creep （in 30min） | %FS/30min | ≤0.02 |
| Zero Temp.coefficient | %FS/10℃ | ≤0.04 |
| Rated output Temp.coefficient | %FS/10℃ | ≤0.02 |
| Input resistance | Ω | 385±10 |
| Output resistance | Ω | 350±3 |
| Insulation resistance | MΩ | ≥5000 |
| Safe overload | %FS | 150 |
| Compensated Temp.range | ℃ | -10～+40 |
| Recommended Supply voltage | V | 5～15 |
| 4-Core shield cable 0.3 m | Input | +： Red | -：Black |
| Output | +：Green | -：White |
| Shield | Yellow or Bare |

**Warning**: It will affect the function of sensor to change the cable’s length!