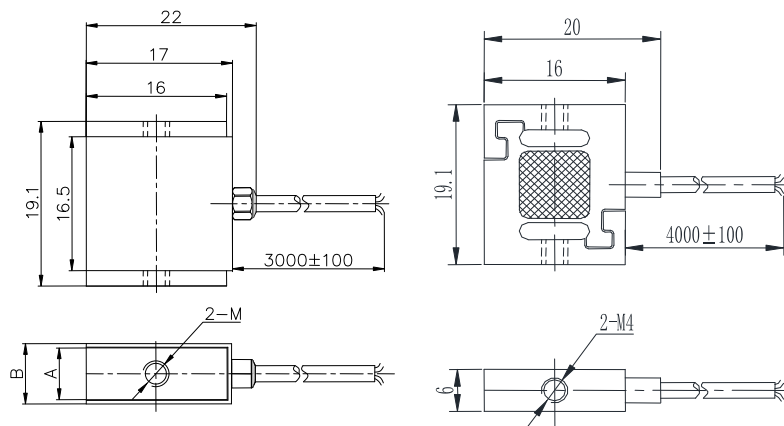


Mounting Dimension

TS313



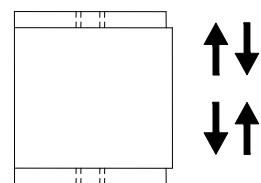
Capacity (N)	A	B	M	Note
1,2.5,5,10,20	5	6.8	M3	Have shell
50,100,200,300,500	6	7.5	M4	Optional without shell

Specifications	Technique
Capacity	1,2.5,5,10,20,50,100,200,300,500N
Rated output	$2.0 \pm 10\% \text{mV/V}$
Zero balance	$\pm 0.02 \text{ mV/V}$
Non-linearity	0.05%F.S.
Hysteresis	0.05%F.S.
Repeatability	0.05%F.S.
Creep(30min)	0.05%F.S.
Temp.effect on output	0.05%F.S./ 10°C
Temp.effect on zero	0.05%F.S./ 10°C
Input impedance	$350 \pm 30\Omega$
Output impedance	$350 \pm 5\Omega$
Insulation	$\geq 5000\text{M}\Omega/100\text{VDC}$
Recommended excitation	5V
Maximum excitation	15V
Compensated temp range	$-10 \sim 60^\circ\text{C}$
Operation temp range	$-20 \sim 80^\circ\text{C}$
Safe overload	150%F.S.
Ultimate overload	300%F.S.
Cable size	$\phi 2 \times 4000\text{mm}$
Weight approx.	0.1kg
Material	Stainless Steel
IP Class	IP66

Features & Applications

- Miniature load cell ad High precision with anti-overload protection
- Made of stainless steel or Aluminum
- Tension and compression application
- Mainly used for automotive press fit, automated assembly, 3C products testing, new energy product assembly, medical testing, robotics, mold assembly and other industrial testing and control system
- High dynamic response frequency

Load Direction



Wiring Code

