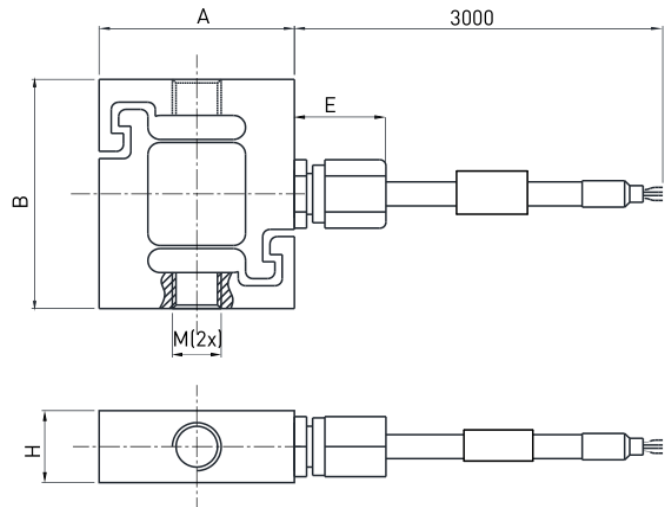


Dimension and Capacity



Features & Applications

- Miniature load cell, low profile, ultra compact build size Class 0.05%F.S.
- Tension and compression application
- Made of stainless steel or alloy steel
- Integrated over load protection, IP66
- Mainly used for pull and push dynamometer, tension and compression testing instruments, riveting machine, welding machine, lamination machine

CAP (n)	SIZE(mm)	M	H	A	B	E	Material	Weight
5/10/20		M3	6	16	19.1	7.5	Stainless steel	0.1kg
50/100/200/300/500		M4	6	16	19.1	13		
250/300/500/1000/2000		M8	14	26	40	13		

Specification

Rated Capacities	5, 10, 20, 50, 100, 200, 300, 500, 1000, 2000(N)
Rated Output	2.0 mV/V±10%
Zero Balance	±2% F.S.
Non-linearity	0.15%F.S.
Hysteresis	0.1%F.S.
Repeatability	0.1%F.S.
30mins Creep	0.1%F.S.
30mins Return	0.1%F.S.
Safe Overload	150 %F.S.
Ultimate Overload	300 %F.S.
Temperature Effect On Output	0.05 %F.S./ °C
Temperature Effect On Zero	0.05 %F.S./ °C
Input Impedance	350±10 Ω
Output Impedance	350 ±10 Ω
Insulation Impedance	≥5000 MΩ/(100VDC)
Recommended Excitation	5 VDC
Maximum Excitation	15 VDC
Operating Temperature Range	-20~80 °C
Construction	stainless steel
Protection Class	IP67
Cable	3 m
Mode of Connection	Red (EXC+), Black (EXC-), Green (SIG+), White (SIG-)