



NS1

Product Details

Alloy steel Tension Load Cell NS1 (100-1000 KG)

S Beam Load Cell NS1 offers a compact design for platforms, silos, or scales. The tension Load Cell has a wide range of capacities from 100kg to 1000kg, comes in steel alloy construction.

Item NO.: NS1

- Product Origin: China
- Capacities: 100, 500, 1000 kg
- Material: Steel Alloy
- Dimension: 76*50.8*23mm
- Rated Output: 2.0 or 3.0mV/V
- Protection Class: IP67 / IP68

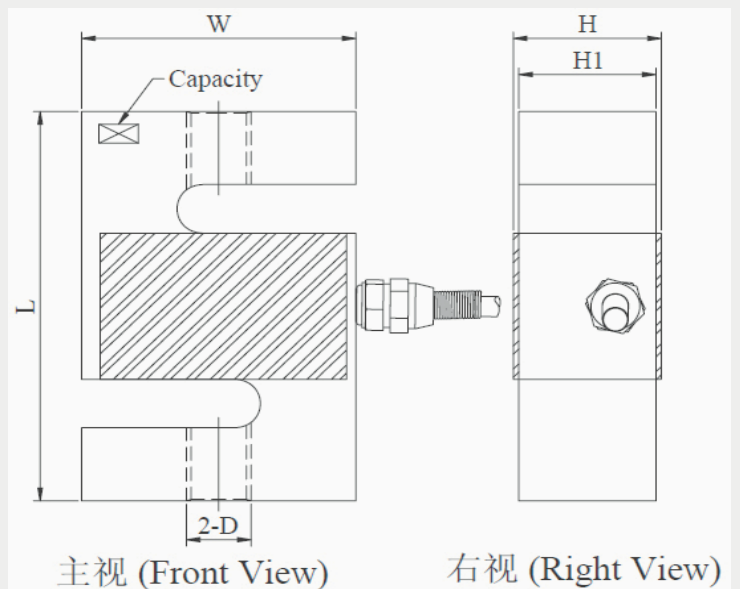
Key Features

Low profile
Alloy steel construction with nickel plated treatment
Capacity: 50-1000 KG
Easy to install, stable & reliable

Usage & Applications:

Hopper scales
counting scales
Tension control and machine testing
Batching systems, blending & mixing systems, belt scales, etc.

Dimension



TYPE	L	W	H	H1	D
NS1-100kg,200kg,250kg, 300kg,500kg,750kg,1000kg	76	50.8	21	19	M12 x1.75

NS1 Specification

Rated Capacities	100, 200, 250, 300, 500, 750, 1000 (kg)
Rated Output	2.0 mV/V \pm 0.25% ; 3.0 mV/V \pm 0.25%
Zero Balance	\pm 0.0200 mV/V
Non-linearity	0.03 %R.O.
Hysteresis	0.03 %R.O.
Repeatability	0.03 %R.O.
30mins Creep	0.03 %R.O.
30mins Return	0.03 %R.O.
Safe Overload	150 %R.O.
Ultimate Overload	200 %R.O.
Temperature Effect On Output	0.002 %R.O./ $^{\circ}$ C
Temperature Effect On Zero	0.003 %R.O./ $^{\circ}$ C
Input Impedance	390 \pm 15 Ω
Output Impedance	350 \pm 5 Ω
Insulation Impedance	\geq 5000 M Ω /(50VDC)
Recommended Excitation	5~12 VDC
Maximum Excitation	15 VDC
Operating Temperature Range	-20~60 $^{\circ}$ C
Construction	Steel Alloy
Protection Class	IP67 / IP68
Cable	ϕ 5 \times 3 m
Recommended Platform Size	
Mode of Connection	Red (EXC+), Black (EXC-), Green (SIG+), White SIG-