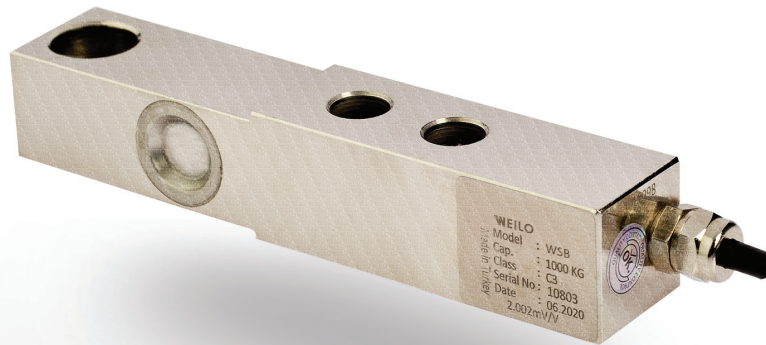


WSB Shear Beam Load Cell



A nickel-plated steel alloy load cell whose electronic circuit is sealed by laser welding.



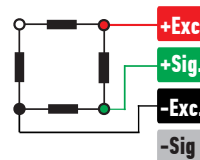
ABOUT PRODUCT

WSB model load cells are produced from nickel plated alloyed steel or stainless steel between 200 kg ~ 2 tons capacities.

The electronic circuit covered by laser welding, provides high protection to water and dust in IP 68 class.

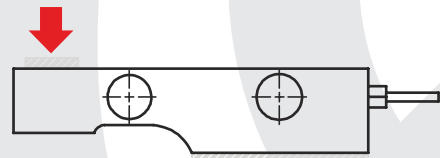
It defies rust and corrosion for many years with nickel plated or stainless steel body.

CONNECTION DIAGRAM



Red	Excitation+ (Input)
Green	Signal+ (Output)
Black	Excitation- (Input)
White	Signal- (Output)

WORK STYLE



APPLICATION AREAS



Agriculture And Livestock

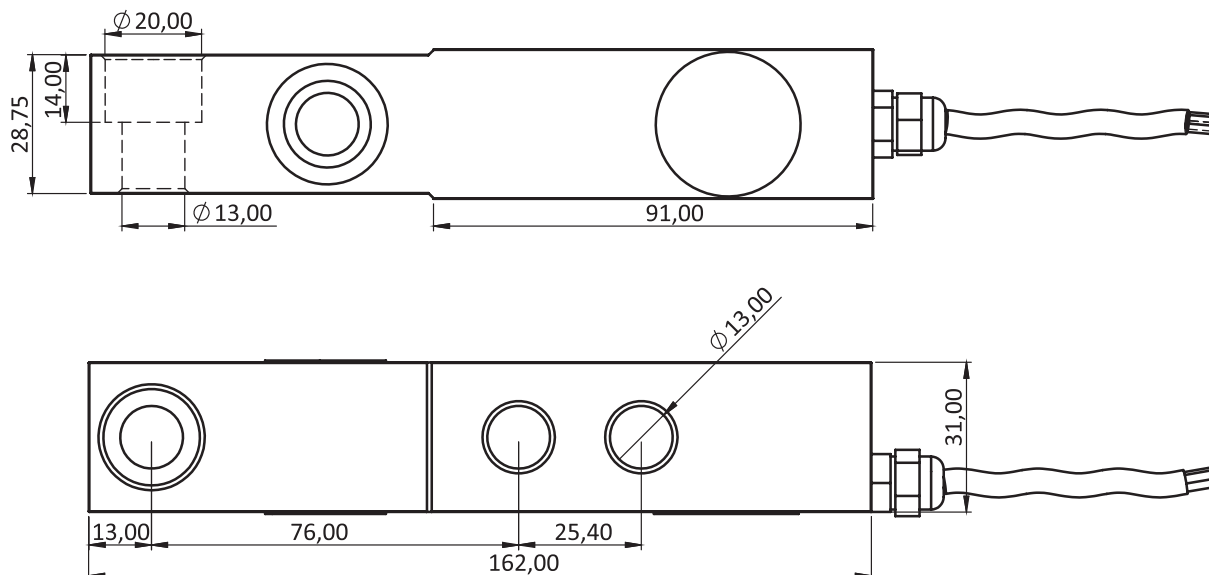


Textile

FEATURES

- ✓ IP 68 protection class
- ✓ Plated nickel, steel alloyed
- ✓ Ease of installation

TECHNICAL DRAWING



TECHNICAL SPECIFICATIONS

Capacity	0,2, 0,5, 1, 2 Ton
Accury Class	C3
Minimum Load	0 kg
Maximum Intervals (nLC)	3000
Minimum Verification Interval	10000
Total Error	$\pm 0.022\%$ FS
Output Sensitivity (FS)	$2.00 \pm 0.005\text{mV} / \text{V}$
Zero Balance	$\pm 1\%$ FS
Input Resistance	$380\ \Omega \pm 20\ \Omega$
Output Resistance	$350\ \Omega \pm 3\ \Omega$
Isolation Resistance	$\leq 5000\ \text{M}\Omega$ (100VDC)
Compansated Temperature	$-10 \sim +40\ ^\circ\text{C}$
Operating Temperature	$-30 \sim +70\ ^\circ\text{C}$
Excitation, Recommended Voltage	10 VDC
Maximum Excitation Voltage (Umax)	15 VDC
Safe Overload	150 % FS
Ultimate Overload	300 % FS
Ingress Protection (EN60529)	IP 68
Element Material	Alloyed Steel / Stainless Steel
Cable	4x022mm ²