

The ZNSH is a stainless steel single ended hermetically sealed bending beam loadcell and is ideal for use in floor scales, bench scales, tank weighing, hopper weighing and conveyor, packaging and filling applications perfect for heavy washdown environment.



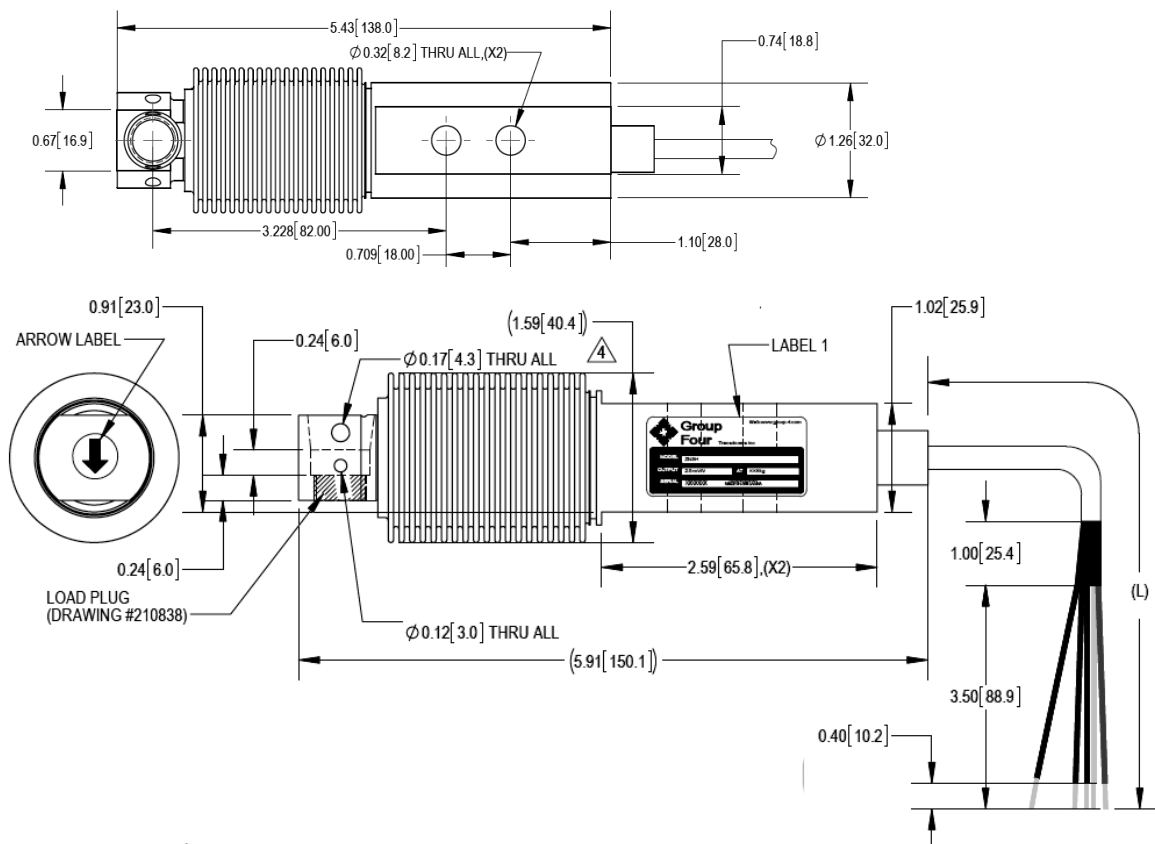
FEATURES

- Capacities 10kg to 200kg
- Environmental protection IP69
- Stainless steel construction
- Industry standard load plug mounting
- Hermetically sealed

APPLICATIONS

- Floor scales
- Bench scales
- Tank weighing
- Hopper weighing
- Conveyor scales
- Packing & Filling

OUTLINE DIMENSIONS



SPECIFICATIONS

Model	ZNSH	
Capacity	kg	10, 20, 50, 100, 200
Full Scale Output (FS)	mV/V	200±0.1%
Calibration in mV/V/ Ω	%	≤±0.05
Non-Linearity	%FS	≤±0.03
Hysteresis	%FS	≤±0.03
Creep @30min	%FS	≤±0.03
Zero Balance	%FS	≤±5
Terminal Resistance		
Input	Ω	410±30
Output	Ω	350±5
Temperature Range		
Compensated	°C	-10...+40
Operating	°C	-20..+65
Temperature Effect		
Output	%FS/10°C	≤±0.04
Zero	%FS/10°C	≤±0.04
Excitation Voltage	VDC	5...15
Insulation Resistance @50VDC	M Ω	≥5000
Safe Overload Limit	%FS	150
Ultimate Load	%FS	200
Cable Length (L)	M	3 ^{+0.05} ₋₀
Cable Type	24 AWG6 Conductor Black Cable	
Seal Type	IP69	
Element Material	Stainless Steel	

WIRING GRAPHIC

Cable Wire Color	Connection	Remarks
Red	+ Excitation	Load Cell
Black	- Excitation	
White	- Signal	
Green	+ Signal	
Blue	Data I/O	Eeprom

PART NUMBER

Capacity (kg)	Group Four Part Number
10	1057-000-00
20	1057-001-00
50	1057-002-00
100	1057-003-00
200	1057-004-00