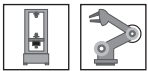
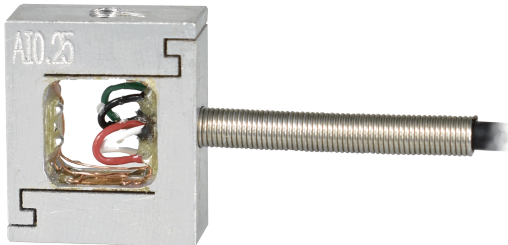
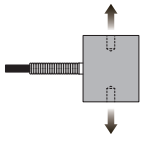


“S” Type



Capacities

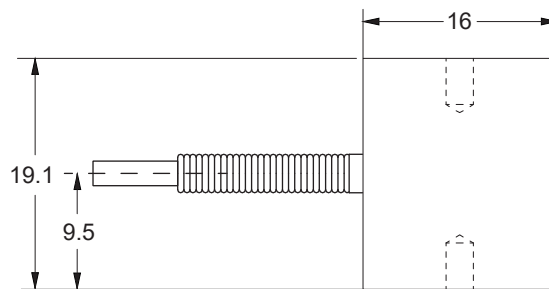
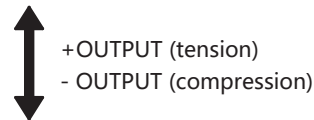
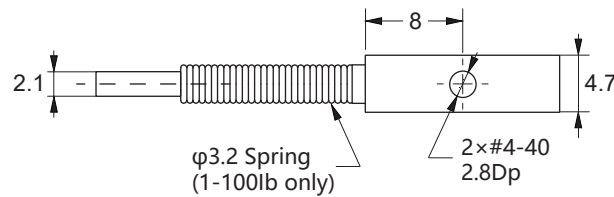
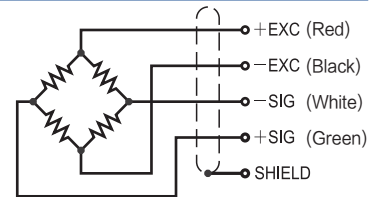
0.25lb, 0.5lb, 2lb, 5lb, 10lb, 20lb, 50lb, 100lb

Features

- S-Type load cell
- Easy to install
- Suitable for robotics and force measurements
- Aluminum construction (0.25lb~10lb)
- Stainless steel construction (25lb~100lb)

Schematic

- Red : + input
- Black : - input
- Green : + output
- White : - output



Specification

Rated Output	2.0mV/V , 0.5mV/V (0.25lb) , 1mV/V (0.5lb)	Safe Temp. Range	-50°C to + 93°C
Nonlinearity	±0.3% of rated output	Temp. Compensated	15°C to + 72°C
Hysteresis	±0.3% of rated output	Input Impedance	1000 ohm (0.25lb~0.5lb)/350 ohm (10lb~50lb)
Repeatability	±0.1% of rated output	Output Impedance	1000 ohm (0.25lb~0.5lb)/350 ohm (10lb~50lb)
Temp. effect on output	≤0.036% of applied output/°C	Insulation Resistance	≥500 M ohm (50V DC)
Temp. effect on zero	≤0.018% of rated output/°C	Rated Excitation	10V DC/AC
Safe Overload	1000% , 200% (50lb)	Maximum Excitation	20V DC/AC
Wire Length	5ft	Wire Type	Shielding net four core
Wire Specification	29AWG	IP Rating	IP40