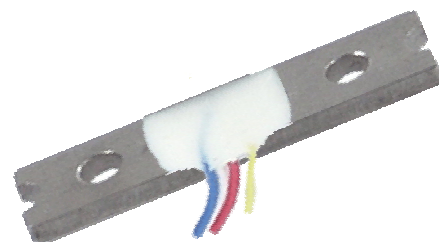




PZW10 Single Point Load Cell

Features

- Single bending beam working principle, reverse beam installation
- Stainless steel construction
- Capacity from 15lb to 50lb
- Accuracy up to 0.2%fs
- Used to build postage scales, kitchen scales, fishing scales, and other small-sized portable scales

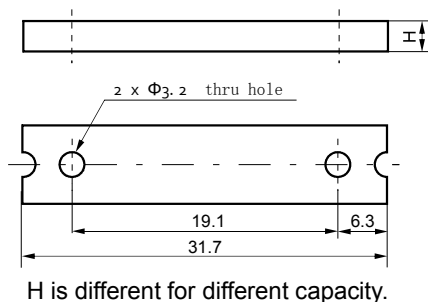


Specifications

Parameter	Units	Data
capacity	lb	15, 50
safe overload	%fs	150
ultimate overload	%fs	200
output sensitivity at fs	mV/V	1.5 ±0.2
zero output	mV/V	≤ ±1
combined error	%fs	≤ ±0.2
creep error (5 min.)	%fs	≤ ±0.1
excitation (supply voltage)	Vdc	≤ 6
input resistance	Ω	350 ±50
output resistance	Ω	350 ±50
insulation resistance	MΩ	≥ 2000@50 Vdc
storage temp. range	°C	-20 ~ +65
operating temp. range	°C	-20 ~ +65
compensated temp. range	°C	-10 ~ +40
temp. coefficient of sensitivity	%fso/10°C	≤ ±0.03
temp. coefficient of zero	%fso/10°C	≤ ±0.03
load cell body material	/	17-4PH stainless steel
mechanical interface	/	refer to the dimensions on the datasheets
electrical interface	/	4-color flying wires, 140mm
environment protection	/	IP65

For customized capacity, please consult Proza.

Dimensions



Electrical Connection



ordering code: model-capacity-output sensitivity-accuracy-(*customized parameter)

example: PZW10-15lb-1.5mV/V-0.2%fs

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