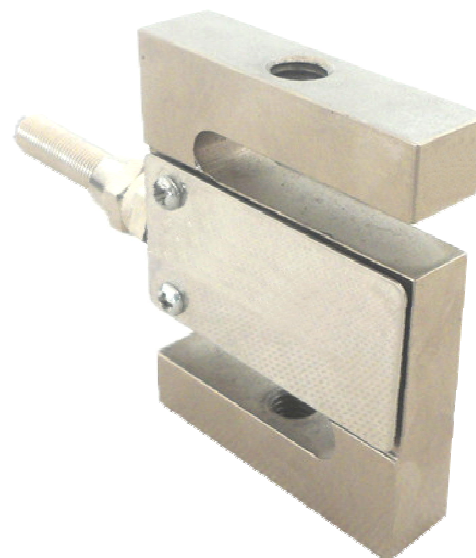




PZW50 S-Beam Load Cell

Features

- S beam design, compression & tension loading possible, easy installation.
- Alloy steel construction.
- Capacity: 20kg to 500 kg.
- Sealed by adhesive inside, oil-proof, waterproof and anti- corrosion.
- Suitable for atrocious environment .



Applications

- Crane scale
- Mechanical conversion scale
- Hopper scale
- Electronic weighing devices

Specifications

Parameter	Units	Data
capacity	kg	20,30,50,100,200,300,500
safe overload	%fs	150
ultimate overload	%fs	200
output sensitivity at fs	mV/V	2.0 ±0.04(standard), 3.0 ±0.04
zero unbalance	%fso	≤ ±1
combined error	%fs	≤ ±0.02 (option: OIML C3)
creep error (30 min.)	%fs	≤ ±0.02
excitation (supply voltage)	Vdc	10 (typical), 5, ..., 12
max. excitation voltage	Vdc	15
input resistance	Ω	360 ±10
output resistance	Ω	350 ±10
insulation resistance	MΩ	≥ 5000@50 Vdc
storage temp. range	°C	-35 ~ +80
operating temp. range	°C	-35 ~ +80
compensated temp. range	°C	-10 ~ +40
temp. coefficient of sensitivity	%fso/10°C	≤ ±0.02
temp. coefficient of zero	%fso/10°C	≤ ±0.03
load cell body material	/	alloy steel
mechanical interface	/	refer to the dimensions on the datasheets
electrical interface	/	Φ5.7mm, 4-conductor shielded, PVC jacket, length: 3.5m
environment protection	/	IP66

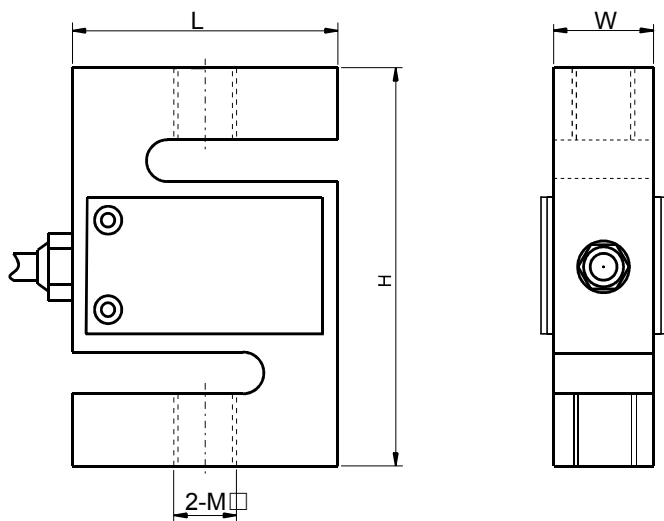
For customized capacity, please consult Proza.

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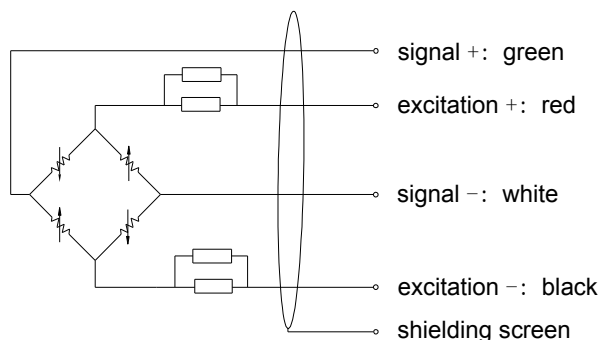
PZW50 S-Beam Load Cell

Dimensions



Capacity (kg)	L	H	W	M
20, 30	50.8	64	12.7	M8 x 1.25
50 ~ 500	50.8	76.2	19.1	M12 x 1.75

Electrical connection



Ordering Guide

ordering code:

model-capacity-output sensitivity-accuracy-thread-cable length-(*customized parameter)

example:

PZW50-50kg-2mV/V-0.02%fs-M12-3.5m

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