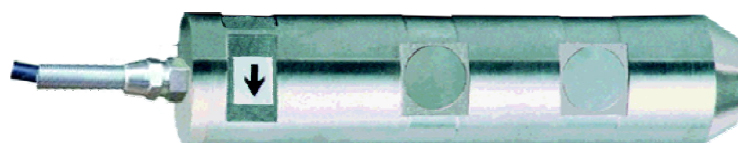




PZW80 Dual Shear Beam Load Pin

Features

- Dual shear beam design, pin type, easy installation.
- Alloy steel construction, option: 17-4PH material.
- Capacity: 20kN to 750kN.
- Sealed by adhesive inside, oil-proof, waterproof and anti-corrosion.
- Suitable for atrocious environment .



Applications

- Crane scales
- Hopper weighing
- Draft sensors
- Onboard vehicle weighing

Specifications

Parameter	Units	Data
capacity	kN	20, 30, 50, 100, 200, 300, 500, 750
safe overload	%fs	150
ultimate overload	%fs	200
output sensitivity at fs	mV/V	2.0 ±0.02
zero unbalance	%fso	≤ ±1.5
combined error	%fs	≤ ±0.5
creep error (30 min.)	%fs	≤ ±0.3
excitation (supply voltage)	Vdc	10 (typical), 5, ..., 12
max. excitation voltage	Vdc	15
input resistance	Ω	420 ±30
output resistance	Ω	350 ±10
insulation resistance	MΩ	≥ 5000@50 Vdc
storage temp. range	°C	-35 ~ +70
operating temp. range	°C	-35 ~ +70
compensated temp. range	°C	-10 ~ +40
temp. coefficient of sensitivity	%fso/10°C	≤ ±0.2
temp. coefficient of zero	%fso/10°C	≤ ±0.2
load cell body material	/	alloy steel(standard),option: 17-4PH
mechanical interface	/	refer to the dimensions on the datasheets
electrical interface	/	Φ5.7mm, 4-conductor shielded, PVC jacket, length: 5m
environment protection	/	IP66(standard), IP67

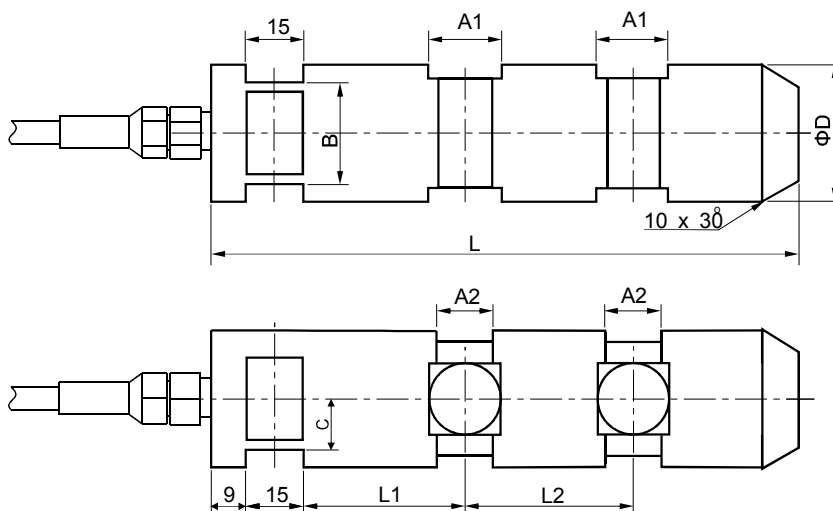
For customized capacity, please consult Proza.

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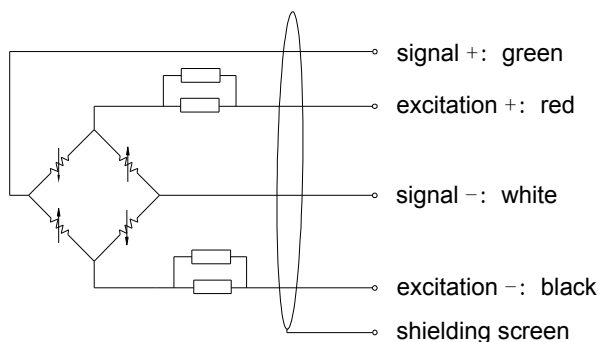
PZW80 Daul shear beam Load Pin

Dimensions



capacity (kN)	D	L	L1	L2	A1	A2	B	C
20, 30, 50	37	158	44	46	20	15	28	14
100	50	158	44	46	20	15	38	18
200	70	245	44	121	32	27	54	25
300, 500	95	285	52	145	32	27	76	37
750	108	285	52	145	32	27	88	44

Electrical connection



Ordering Guide

ordering code:

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

example:

PZW80-100kN-2mV/V-0.5%fs-5m

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