

- OEM pressure sensor, pressure transmitters, melt pressure transmitters
- Intelligent pressure transmitters, differential pressure transmitters
- Hydraulic level transmitters
- Temperature sensors
- Load cells, load pins, force transducers
- Metal foil strain gauges, semiconductor strain gauges

## PZW71B Compression Load Cell



### Features:

- Alloy steel or stainless steel material, nickel plated;
- Hermetically sealed by laser for IP68
- Suitable for multiform environments and various applications, such as electronic platform scales, hopper scales, and other electronic weighing devices.

### Parameters:

Capacities : 0.1T ~30T

Combine error (%F.S) :  $\pm 0.2$

Sensitivity (mv/v) :  $2.0 \pm 0.04$

Creep (%F.S/30min) :  $\pm 0.02$

Zero unbalance (%F.S) :  $\pm 1.0$

Input resistance ( $\Omega$ ) :  $700 \pm 10$

Output resistance ( $\Omega$ ) :  $700 \pm 5$

Insulation resistance (M $\Omega$ ) :  $\geq 5000(100VDC)$

Temp. coefficient of sensitivity (%F.S/10 $^{\circ}C$ ):  $\pm 0.05$

Temp. coefficient of zero (%F.S/10 $^{\circ}C$ ):  $\pm 0.05$

Compensated temp. range ( $^{\circ}C$ ) :  $-10 \sim +40$

Operating temp. range ( $^{\circ}C$ ) :  $-20 \sim +55$

Excitation (V) : 9~12(DC)

Safe overload (%F.S) : 150

Ultimate overload (%F.S) : 200

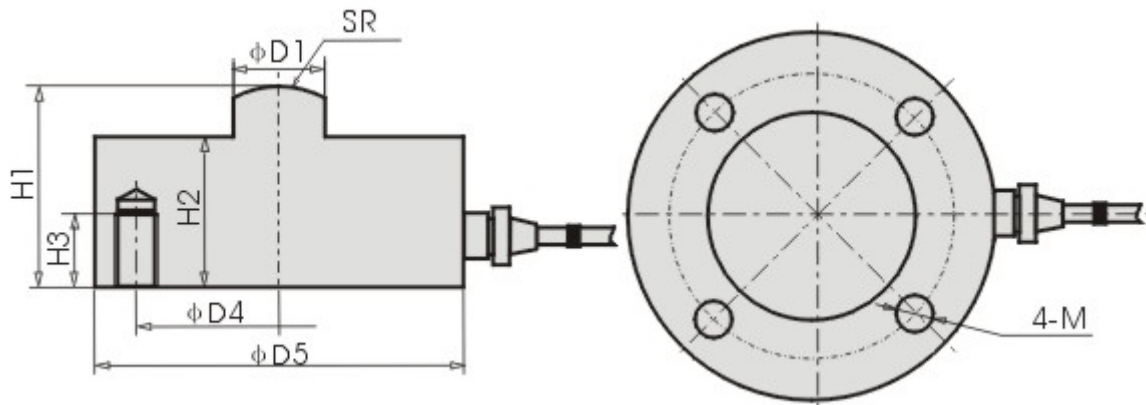
IP rating : IP68

# PROZA ELECTRONIC TECHNOLOGIES



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## Dimensions (mm):



Capacity(T)	D1	D4	D5	H1	M	SR
0.02~1	10	42	50	30	M5	30
2~5	22	70	90	48	M10	50
10~20	32	90	115	60	M12	80
30	42	125	155	90	M16	100

## Electrical connection:

Red: Excitation ( + )      White: Signal ( - )  
 Black: Excitation ( - )      Green: Signal ( + )

Notes: It is 4-core shielded cable ( $\phi 5 \times 3000$ mm), others are available upon request.

## Ordering Guide:

ordering code:

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

example:

PZW71B-1T-2mV/V-0.2%fs-M5-3m

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