

# PROZA ELECTRONIC TECHNOLOGIES

- 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



## PZW71 Button Load Cell



### Features:

- Alloy steel or aluminium alloy material, nickel plated;
- Hermetically sealed by rubber adhesive for IP66
- Suitable for multiform environments and various applications, such as electronic platform scales, hopper scales, and other electronic weighing devices.

### Parameters:

Capacities : 5kg ~500kg	Temp. coefficient of sensitivity (%F.S/10°C): $\pm 0.05$
Combine error(%F.S) : $\pm 0.2$	Temp. coefficient of zero (%F.S/10°C): $\pm 0.05$
Sensitivity (mv/v) : $2.0 \pm 0.04$	Compensated temp. range(°C) : -10~+40
Creep(%F.S/30min) : $\pm 0.02$	Operating temp. range(°C) : -20~+55
Zero unbalance(%F.S) : $\pm 1.0$	Excitation(V) : 9~12(DC)
Input resistance( $\Omega$ ) : $700 \pm 10$	Safe overload (%F.S) : 120
Output resistance( $\Omega$ ) : $700 \pm 5$	Ultimate overload (%F.S) : 150
Insulation resistance(M $\Omega$ ) : $\geq 5000(100VDC)$	IP rating : IP66

### XI'AN PROZA ELECTRONIC TECHNOLOGY CO., LTD.

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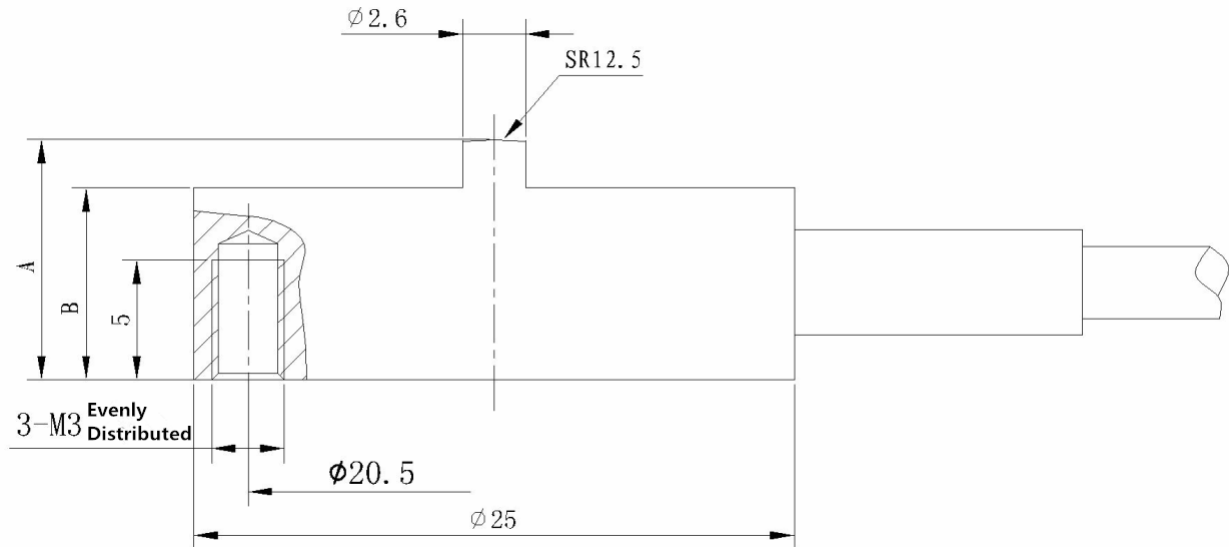
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## Dimensions (mm):



Capacity (kg)	5	10	20	50	100	200	500
A	10	11	11	11	11	11	15
B	8	9	9	9	9	9	12

## Electrical connection:

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

Notes: It is 4-core shielded cable (□5×3000mm), others are available upon request.

## Ordering Guide:

ordering code:

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

example:

PZW71-50kg-2mV/V-0.2%fs-M3-3m

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