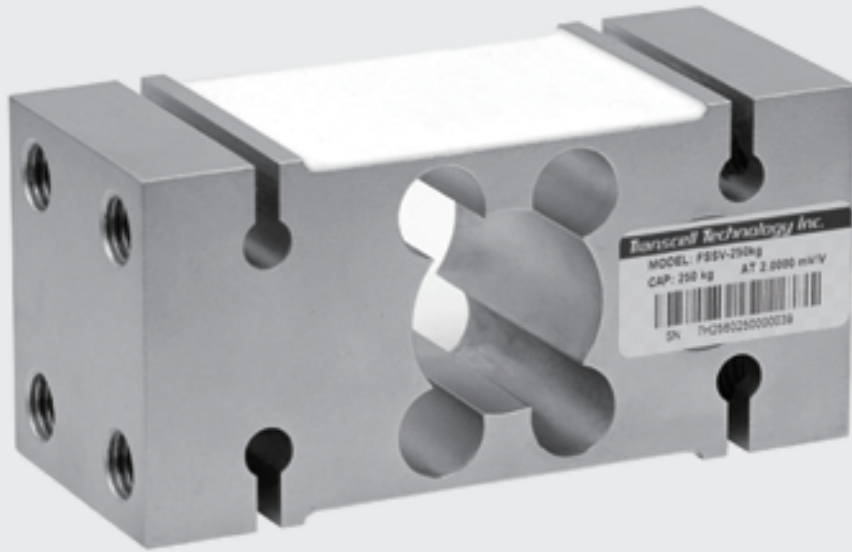
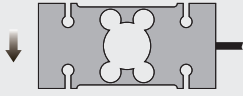


# Type FSSV Load Cell



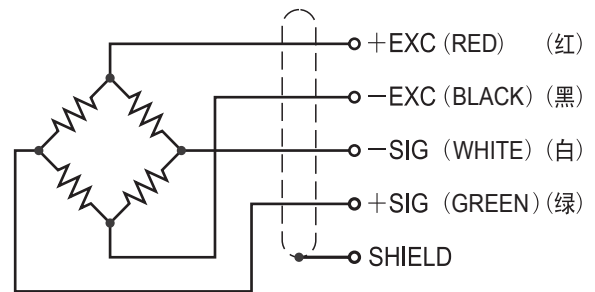
Single Point

## Features 主要特点

- Single point load cell
- Senior alloy steel
- High accuracy
- High stability
- Easy to install
- Protected against corrosion by nickel-plated treatment
- High protection class
- Use in tough industrial environment
- 单点式
- 优质合金钢材质
- 高精度
- 高稳定性
- 安装简便、快速
- 表层镀镍防腐处理
- 高保护等级
- 可用于恶劣的工业环境

## Schematic 接线方式

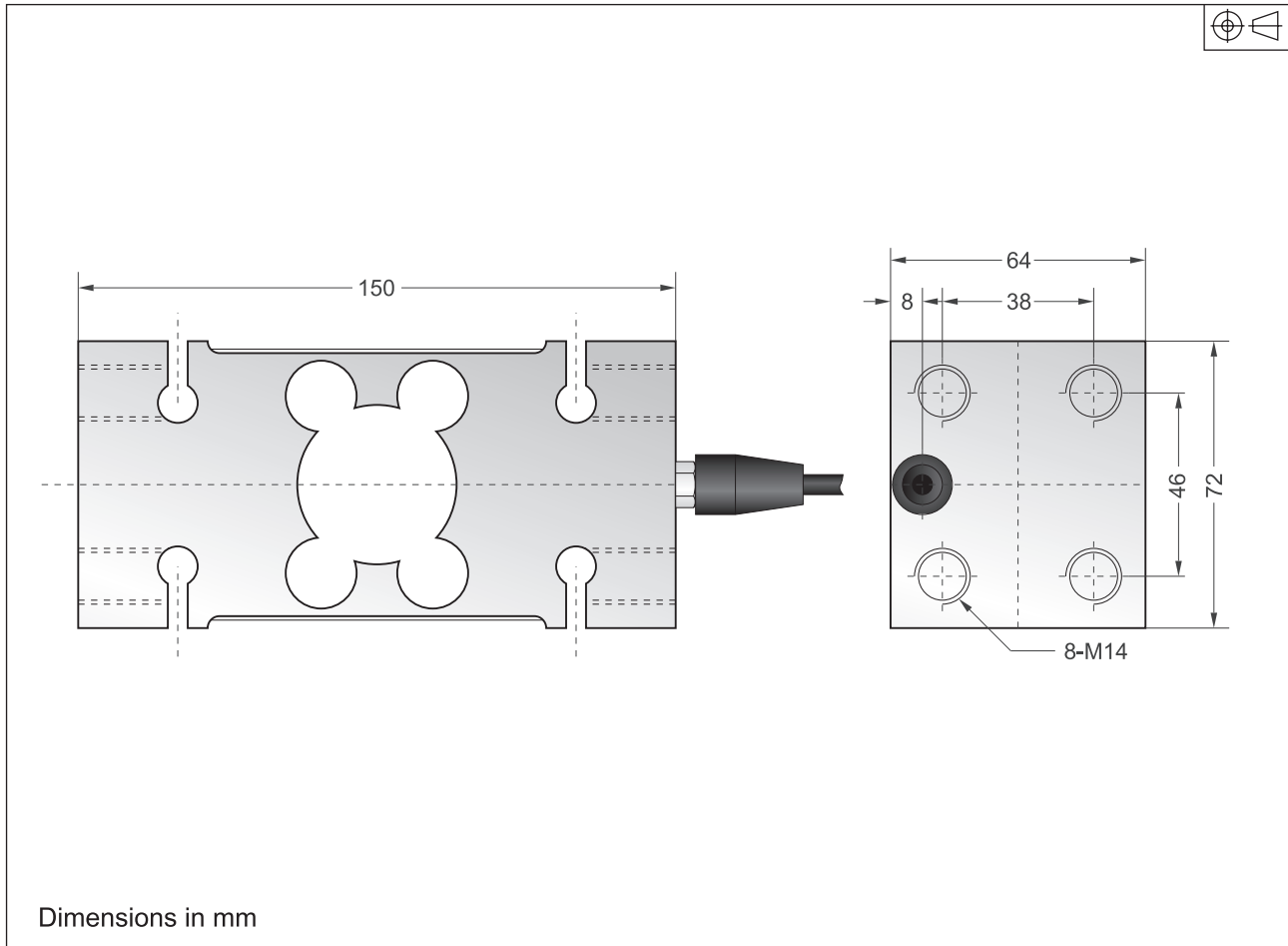
- |         |          |      |      |
|---------|----------|------|------|
| Red :   | + input  | 红色 : | + 激励 |
| Black : | - input  | 黑色 : | - 激励 |
| Green : | + output | 绿色 : | + 信号 |
| White : | - output | 白色 : | - 信号 |



## Capacities 量程

150kg, 250kg, 500kg, 750kg, 1000kg

## Dimensions 尺寸



## Specification 技术参数

Rated Output	额定输出	2.0mV/V $\pm$ 10%
Zero Balance	零点平衡	$\pm$ 1% of rated output
Creep after 30 minutes	蠕变	$\pm$ 0.03% of rated output
Nonlinearity	非线性	$\pm$ 0.03% of rated output
Hysteresis	滞后	$\pm$ 0.03% of rated output
Repeatability	重复性	$\pm$ 0.03% of rated output
Temp. effect on output	灵敏度温漂	$\leq$ 0.02% of applied output/ $^{\circ}$ C
Temp. effect on zero	零点温漂	$\leq$ 0.02% of rated output/ $^{\circ}$ C
Safe Temp. Range	可用温度范围	-30 $^{\circ}$ C to + 70 $^{\circ}$ C
Temp. Compensated	温度补偿范围	-10 $^{\circ}$ C to + 40 $^{\circ}$ C
Safe Overload	安全载荷	150%
Ultimate Overload	极限载荷	200%
Input Impedance	输入阻抗	387 ohm $\pm$ 20 ohm
Output Impedance	输出阻抗	350 ohm $\pm$ 5 ohm
Insulation Resistance	绝缘阻抗	$\geq$ 5000 M ohm (50V DC)
Rated Excitation	推荐激励电压	10V DC/AC
Maximum Excitation	最大激励电压	15V DC/AC
Cable Length	导线长度	2.5m
Cable Color Code	导线颜色	Red(+ E) Black(- E) Green(+ S) White(- S)