

## General information

PWS25820250713

The off center load cell PSLQ, made of aluminum alloy, is ideal for any type of platform, especially for large-scale single-cell platforms. The single point load cell PSLQ maintains precision in any position the object is loaded and this solves the problems that usually occur in weighing systems if the object does not rest exactly on the center of the cell. Optional functions and product customization are available. The PSLQ off center load cell has a 6 meter long shielded cable with 6 wires.



All indicated data may be changed without notice.  
All the measures indicated are expressed in millimeters (mm).

## Technical specifications

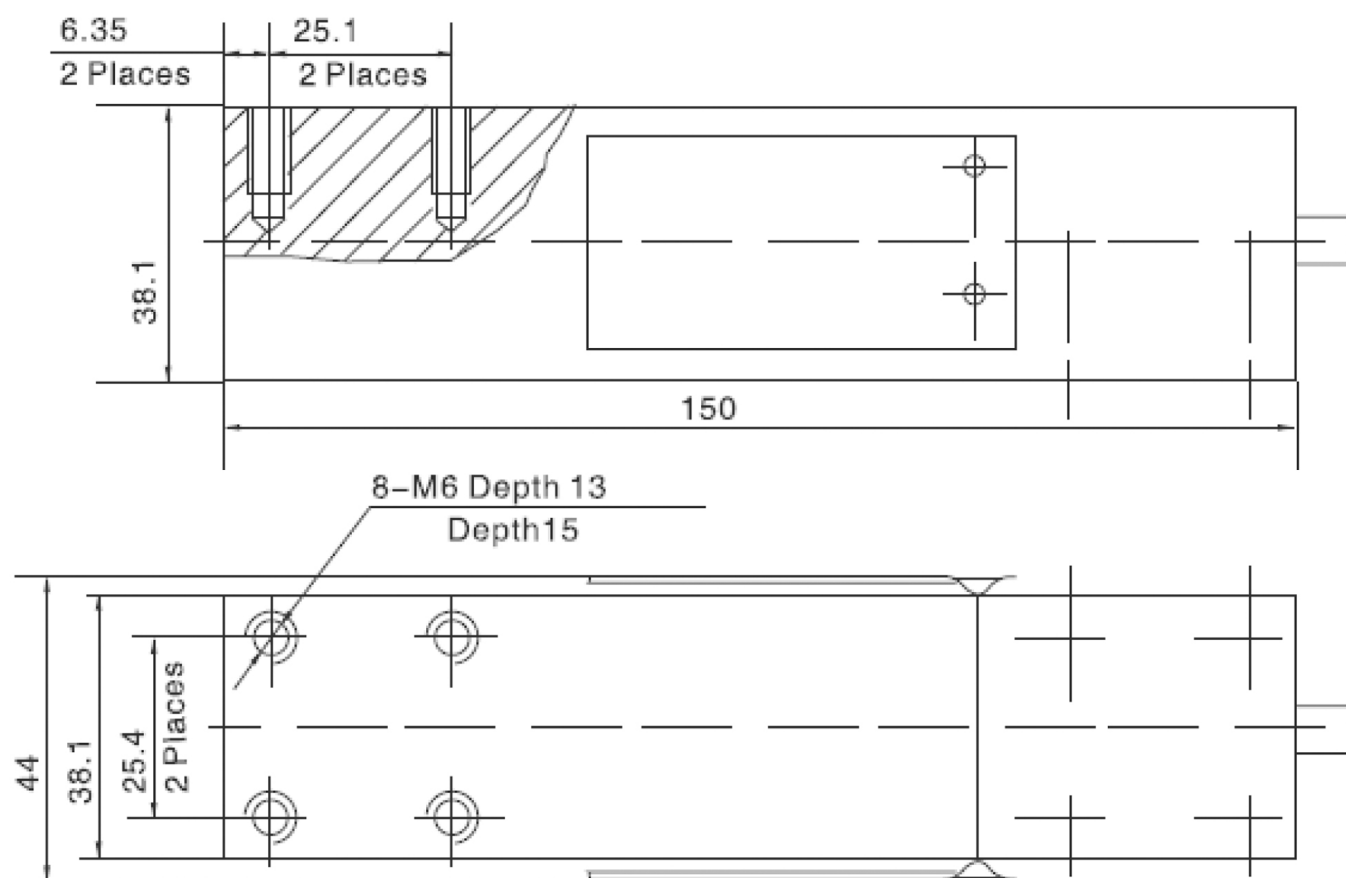
PWS25820250713

<b>Rated load (RL):</b>	50, 100, 150, 200, 250 Kg
<b>Combined error:</b>	< $\pm 0.0230$ % RO
<b>Repeatability:</b>	$\pm 0.01$ % RO
<b>Creep (30 minutes):</b>	$\pm 0.02$ % RO
<b>Safe overload:</b>	150 % RL
<b>Ultimate overload:</b>	300 % RL
<b>Deflection:</b>	$0.2 \div 1.4$ mm
<b>Compensated Temperature:</b>	$-10 \div +40$ °C
<b>Temperature range:</b>	$-20 \div +50$ °C
<b>Storage temperature:</b>	$-40 \div +70$ °C
<b>Temperature effect on zero balance:</b>	$\pm 0.018$ % RO/10°C
<b>Temperature effect on output:</b>	$\pm 0.014$ % output/10°C
<b>Zero balance:</b>	< $\pm 2.0$ % Full scale
<b>Insulation resistance:</b>	>5000 (at 50Vdc)
<b>Input resistance:</b>	$406 \pm 6$ Ohm
<b>Output resistance:</b>	$350 \pm 3$ Ohm
<b>Recommended input:</b>	$5 \div 12$ Vdc/ac
<b>Maximum supply voltage:</b>	18 V

All indicated data may be changed without notice.  
All the measures indicated are expressed in millimeters (mm).

# Off Center load cell **PSLQ**

available with certification • OIML • NTEP

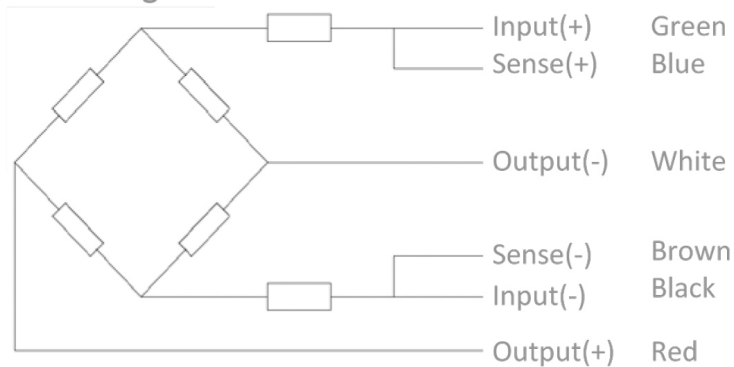


All indicated data may be changed without notice.  
All the measures indicated are expressed in millimeters (mm).

# Off Center load cell **PSLQ**

available with certification • OIML • NTEP

## 6-wire diagram



All indicated data may be changed without notice.  
All the measures indicated are expressed in millimeters (mm).