Off Center load cell **PSLQ**

available with certification • OIML • NTEP

General information

PWS25820261129

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).

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Industrial Electronic Weighing Systems since 1963

Technical specifications

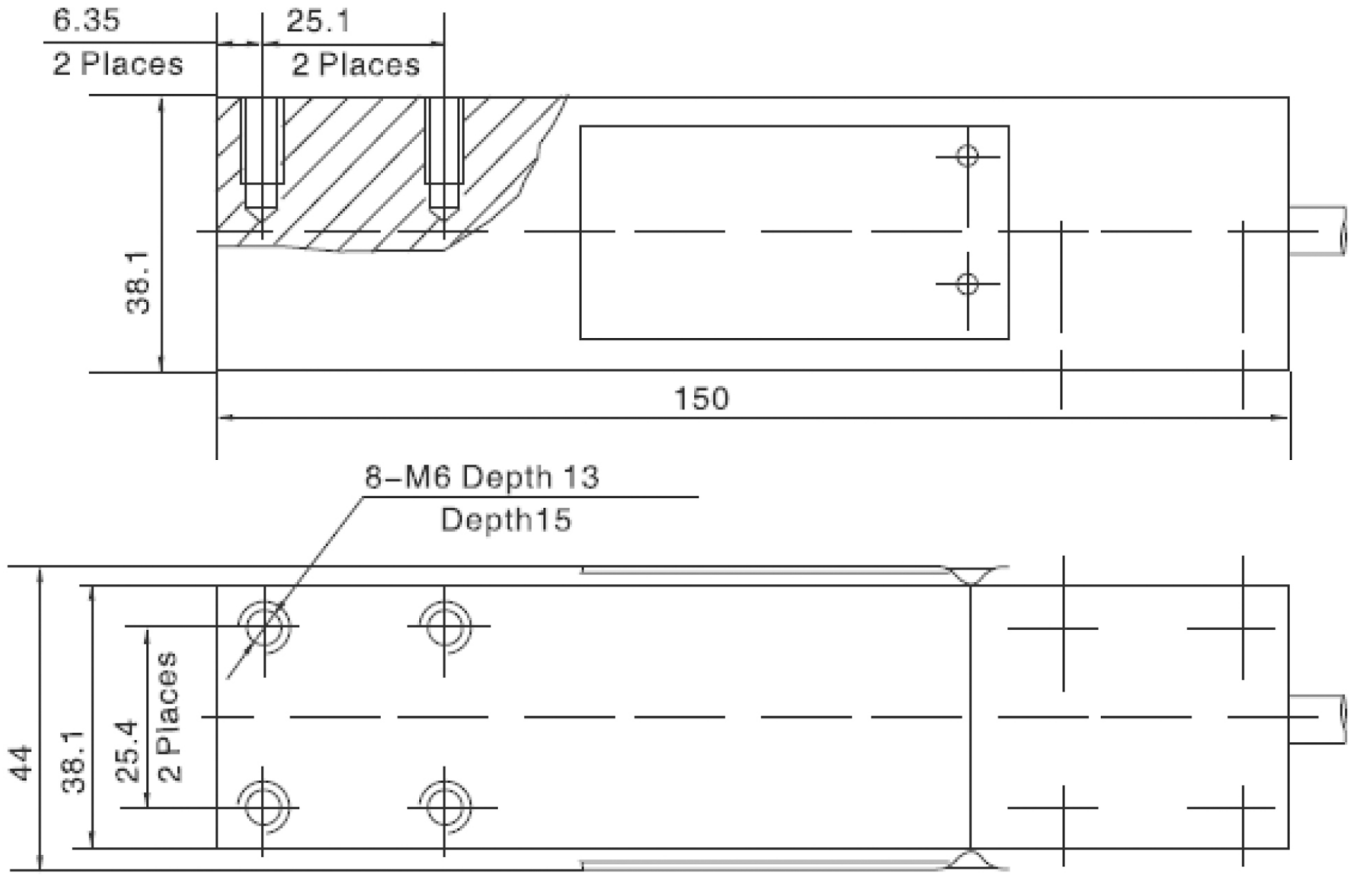
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Rated load (RL):	50, 100, 150, 200, 250 Kg
Combined error:	< ±0.0230 % RO
Repeatability:	±0.01 % RO
Creep (30 minutes):	±0.02 % RO
Safe overload:	150 % RL
Ultimate overload:	300 % RL
Deflection:	0.2 ÷ 1.4 mm
Compensated Temperature:	-10 ÷ +40 °C
Temperature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

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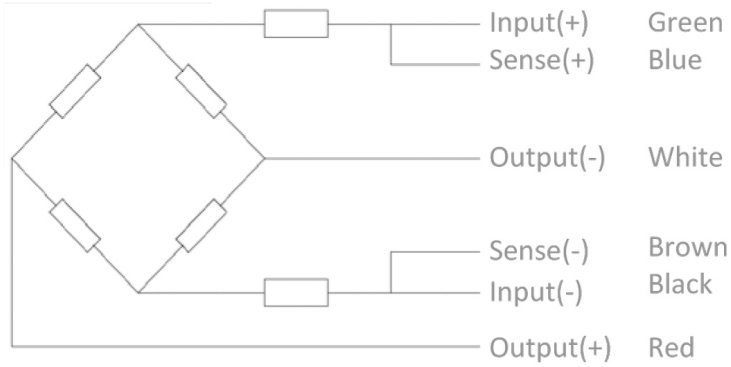
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6-wire diagram



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