

## General information

PWS40620260509

Designed to offer maximum accuracy and linearity, the SBL shear beam load cell is the ideal solution for weighing tanks and hoppers, as well as for constructing low-profile platforms. Made of nickel-plated steel with IP67 protection, it guarantees reliability even in challenging industrial environments. It includes a 3-meter, 4-wire shielded cable for a stable and protected signal.



## Suggested related products

A highly performing weighing system must be accurate, perfectly calibrated and well maintained. In order to improve the load cell performance and to optimize its functioning, you may need the following products:

**Weight Transmitter** [DAT 1400](#)

**Weight Indicator** [MCT 1302](#)

**Tester 1008** [TESTER 1008](#)

**Junction Box** [CGS4-C](#)

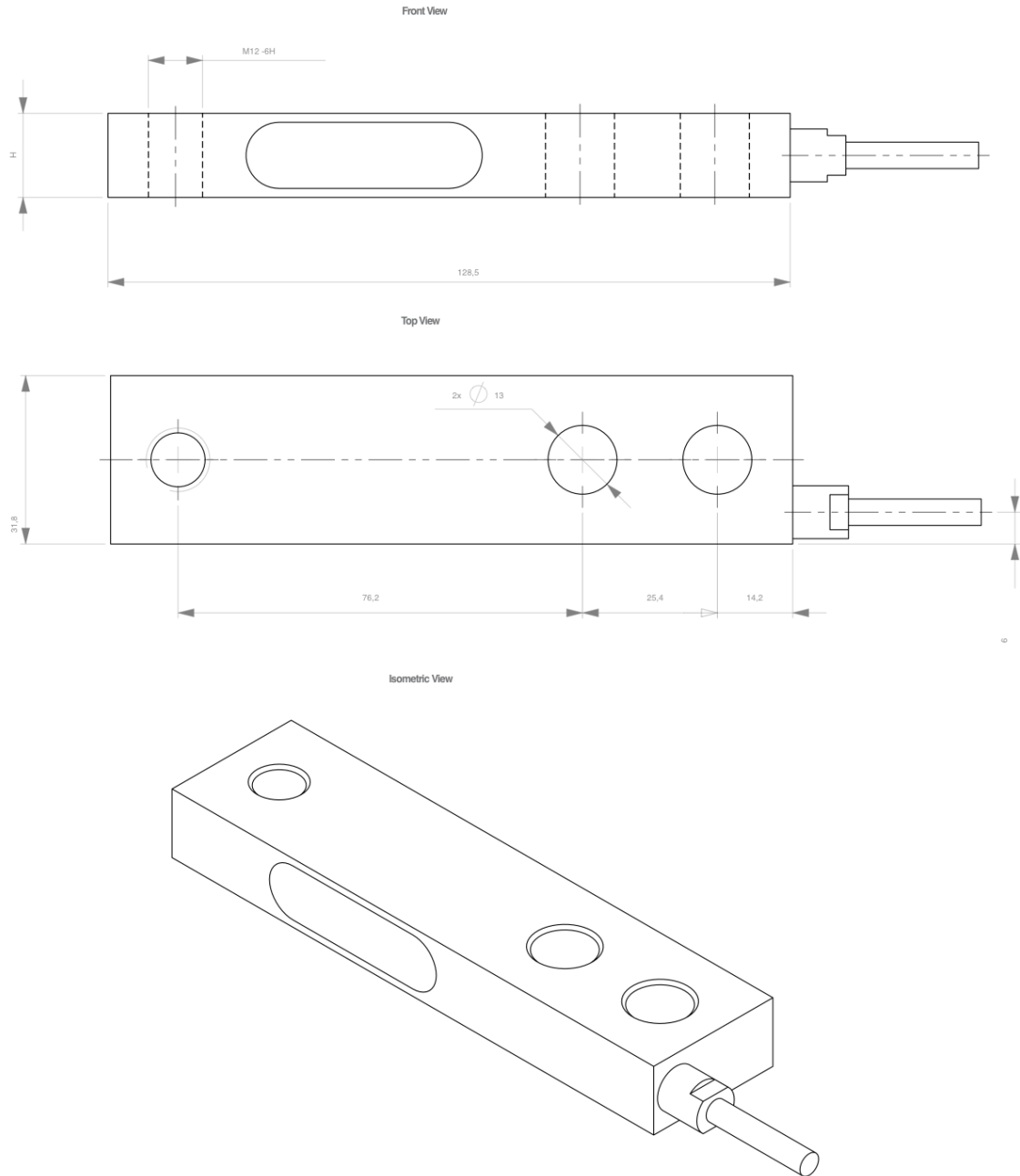
All indicated data may be changed without notice.  
All the measures indicated are expressed in millimeters (mm).

## Technical specifications

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<b>Rated load (RL):</b>	200, 500, 1.000, 2.000 kg
<b>Combined error:</b>	±0.0230 % RO
<b>Creep (20 minutes):</b>	±0.016 % RO
<b>Safe overload:</b>	150 % RL
<b>Ultimate overload:</b>	300 % RL
<b>Clamping force without any load:</b>	75 Nm
<b>Material:</b>	Nickel-plated steel
<b>Degree of protection:</b>	IP67
<b>Deflection:</b>	< 0.57 mm
<b>Compensated Temperature:</b>	-10 ÷ +40 °C
<b>Temperature range:</b>	-35 ÷ +70 °C
<b>Temperature effect on zero balance:</b>	±0.015 % RO/5°C
<b>Temperature effect on output:</b>	±0.011 % load/10°C
<b>Rated output RO:</b>	2.0 mV/V ±0.002 %
<b>Zero balance:</b>	±1 % RO
<b>Insulation resistance:</b>	>5.000 M Ohm
<b>Input resistance:</b>	1.000 ± 10 Ohm
<b>Output resistance:</b>	1.000 ± 10 Ohm
<b>Recommended input:</b>	5 ÷ 12 Vdc/ac

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**Capacity/Dimensions**
**H**

200 kg	12.7
500 kg	15.9
1.000 kg	19.1
2.000 kg	25.4

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