General information

PWS40620261107

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

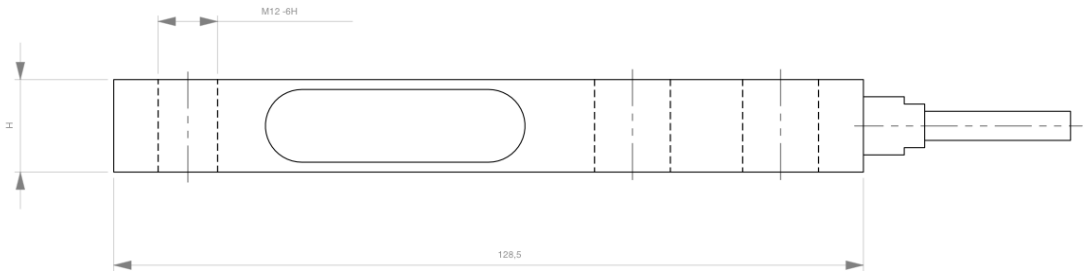
PWS40620261107

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

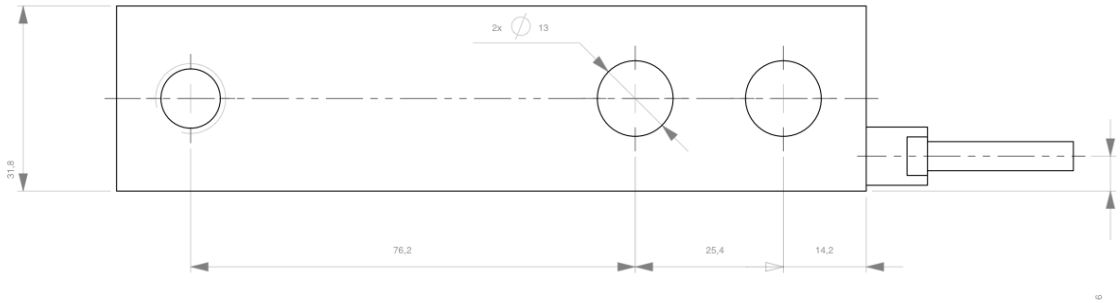
All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

Shear beam load cells **SBL**

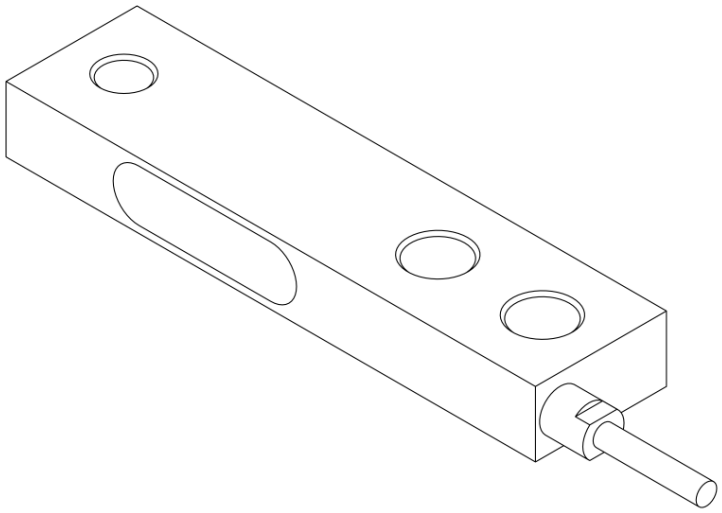
Front View



Top View



Isometric View



Capacity/Dimensions	H
200 kg	12.7
500 kg	15.9
1.000 kg	19.1
2.000 kg	25.4

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

PAVONE SISTEMI S.R.L.
Via Tiberio Bianchi 11/13/15, 20863 Concorezzo (MB), Milan, Italy
T (+39) 039 9162656 **F** (+39) 039 9162675 **W** pavonesistemi.com
Industrial Electronic Weighing Systems since 1963