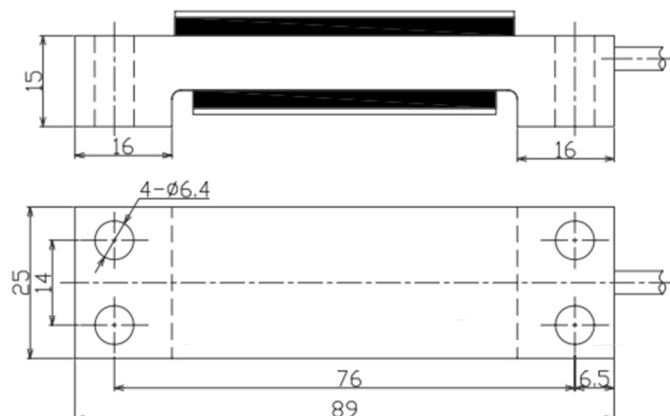


SLB

Strain Transducer



Dimension (mm)



Description

- The SLB strain sensor is used to monitor the strain of the load-bearing structure, which can be installed on the stressed structure of equipment such as cranes, punches and rolling mills, and reflect the change of the force through strain measurement.
- It can also be installed on supporting structures of containers such as silos and tanks, also be used for weighing and measuring with lower precision.

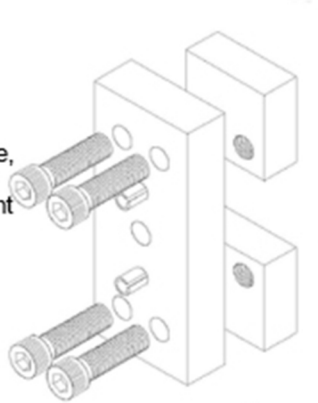
Specifications

Rated Output	mV/V	1
Non-linearity	%R.O.	±0.5
Hysteresis	%R.O.	±0.5
Repeatability	%R.O.	±0.3
Zero Balance	%R.O.	±2
Comprehensive Error	%R.O.	±0.5
Creep after 30 minutes	%R.O.	±0.3
Recommended excitation voltage	VDC	5-10/12(max)
Input impedance	Ω	350±5
Output impedance	Ω	350±3
Insulation resistance	MΩ	≥5000 (50VDC)
Safe overload	%R.C.	150
Ultimate overload	%R.C.	300
Material		Stainless Steel
Degree of protection		IP68

Installation

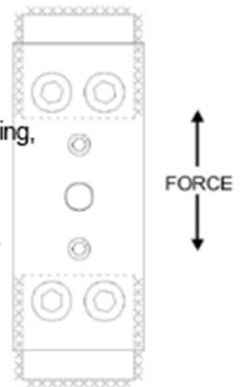
1.

Install the tooling on the base,
Polish the surface of the point
to be measured,
Make sure that the surface
is clean and flat.



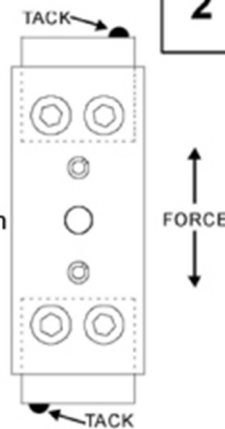
3.

No need to disassemble the tooling,
Weld the outside of the base,
no need to weld the inside edge,
then disassemble the tooling.



2.

Keep the tooling consistent with
the direction of the force,
Firmly fix the tooling on the installation
surface,
Nail the tooling to the surface
before starting welding.



4.

Secure the sensor to the base
using anti-torque washers,
4 bolts, and a torque of
19.78N·m as shown.

