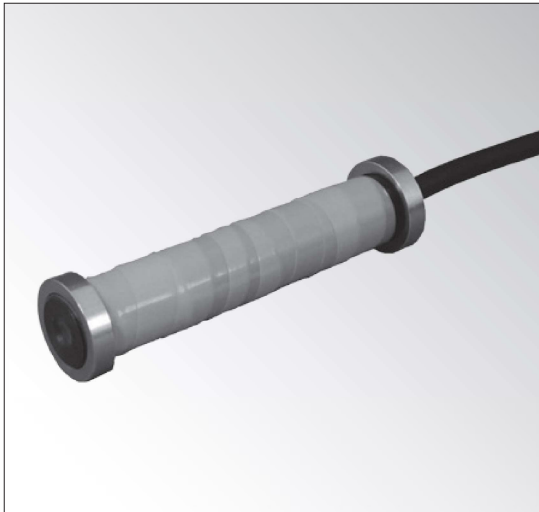


BSL-A-90TSA2

Low-elasticity Strain Transducer



Being small in appearance elasticity coefficient, it can measure strain from young material age.

- Large capacity ($\pm 6000 \times 10^{-6}$ strain)
- Rated output: 4 mV/V or more
(Minus rated capacity to plus rated capacity)
- Great temperature characteristics
- With temperature measurement function
- The flange can be removed

- Strain measurement
- $\pm 6000 \times 10^{-6}$ strain
- With temperature measuring function

Specifications

Performance

● Strain Measurement	
Rated Capacity	$\pm 6000 \times 10^{-6}$ strain
Nonlinearity	Within $\pm 1\%$ RO
Hysteresis	Within $\pm 1\%$ RO
Rated Output	4 mV/V or more (Minus rated capacity to plus rated capacity)
● Temperature Measurement	
Rated Capacity	-20 to 70°C

Environmental Characteristics

Safe Temperature	-30 to 80°C
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Electrical Characteristics

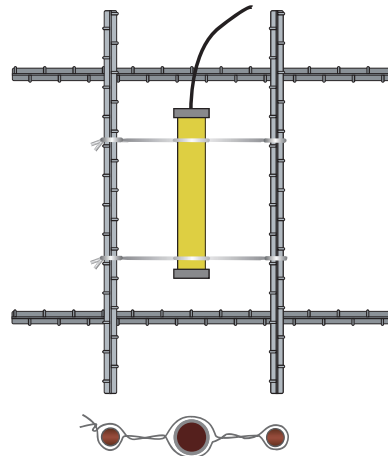
Recommended Excitation	2 to 10 V AC or DC
Input Resistance	350 $\Omega \pm 2\%$ at 0°C
Output Resistance	450 $\Omega \pm 2\%$ at 0°C
Cable	4-conductor (0.3 mm ²) chloroprene cable, 6 mm diameter by 1 m long, bared at the tip

Mechanical Properties

Instrument Length	90 mm
Safe Overloads	120%
Apparent Linear Expansion Coefficient	Approx. 20 MPa
Weight	Approx. 90 g (Excluding cable)

● For delivery date, please contact us.

Application Example



Dimensions

4-conductor (0.3 mm²) chloroprene cable,
6 mm diameter by 1 m long, bared at the tip

