

CASK-901B

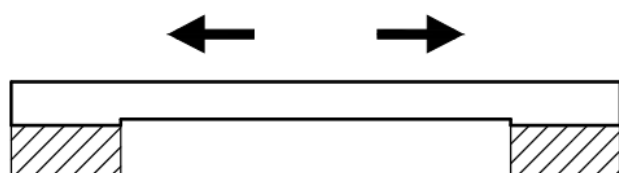
Strain Transducer



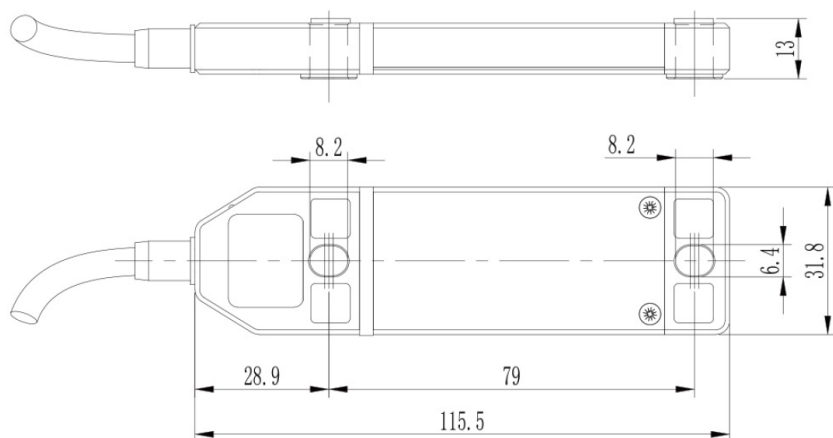
Special features

- Bolt만 사용하여 쉬운 설치
- 재사용 가능(단 변형 없을 경우)
- Protection Class : IP67
- 고탄성 스트레인게이지 사용
- 대형 장비, 교량, 철도, 곡물창고, 댐엔지니어링 등의 분야에서 설치점의 변형률 및 응력 측정에 사용

유선, 무선 범용 인디케이터, 앰프 적용가성비 좋은
응력, 변위 안전 모니터링



Dimensions (mm)



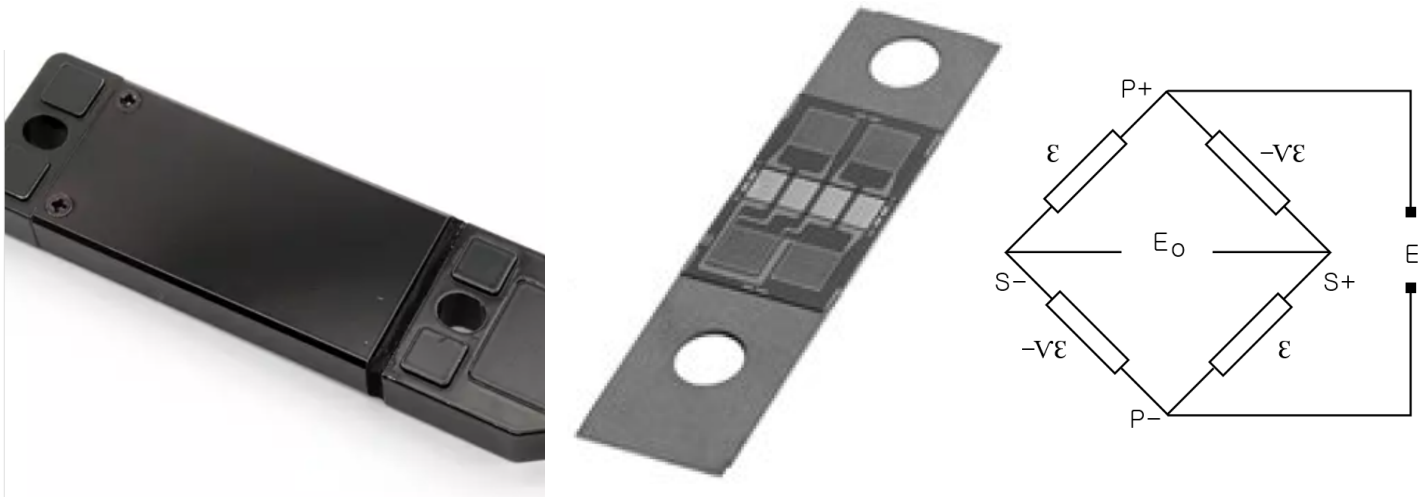
Four-wire cable 4 m long
Ø approx. 6 mm

Wiring assignment

Assignment	Wire colour
Excitation voltage (+)	RED
Excitation voltage (-)	BLACK
Measurement signal (+)	GREEN
Measurement signal (-)	WHITE
Shielding	connected to enclosure

Specifications

Type		T910B
Nominal strain	$\mu\text{m/m}$	$\pm 1500 \mu\text{m/m}$: $1 \mu\epsilon = 0,001 \text{ mm strain per meter}$)
Nominal sensitivity	mV/V	$1.5 \pm 10\%$, @ $1500 \mu\epsilon$
Synthetic accuracy	%	2
Zero point deviation	%	5
Temperature effect on the sensitivity, per 10 °C	%	0.2
Temperature effect on the zero point, per 10 °C	%	0.5
Compensated temperature range	°C	-10...+40
Operation temperature range	°C	-20...+60
Input resistance	Ω	1000 ± 20
Output resistance	Ω	1000 ± 20
Isolation resistance	M Ω	5000
Nominal range of the excitation voltage	V	5...12
Max. operating strain	%	150
Breaking strain	%	200
Material		Aluminum alloy
Cable length	m	4
Cable diameter	mm	approx. 6
Weight (complete with 6 m cable)	kg	0.4
Degree of protection acc. to EN 60 529		IP67



REAR VIEW

Four Active Gages / 풀브릿지 온도 보상 / 현장에서 복잡한 설치가 필요없는 장착형