

SDB-410CS

Handy Digital Indicator

● For on-site check



Compact & Lightweight Suitable for on-site Application

- Both checking isolated resistance and measuring strain possible
- Measuring range 0 to $\pm 19999 \mu\text{m/m}$

SDB-410CS is compact, lightweight and it has high accuracy. It is a portable transducer indicator with good operability. Besides stain measurement function (Quarter, half, and full bridge system), it has a built-in isolated resistance abnormality detection circuit, which can detect status with 10 M Ω or less and alarm in case of offset adjustment.

Specifications

Channels	1
Measuring Targets	Strain-gage transducers (60 to 1000 Ω) Strain gage Quarter bridge: 120 Ω Half bridge: 60 to 1000 Ω Full bridge: 60 to 1000 Ω
Measuring Range	0 to $\pm 19999 \mu\text{m/m}$
Measuring Accuracy	Within $\pm(0.2\%$ of indicating +2 digits) Within 1500 $\mu\text{m/m} \pm(5$ digits)
Bridge Excitation	2 VDC
Response Time	Approx. within 2 s (Least significant digit: Within 2 digits)
Display	7-segment LCD, character height 11.4 mm "- " mark automatic turns on or off.
Sampling Speed	Approx. 2 times/s
Operating Temperature	0 to 45°C
Stability	$\pm 0.01\%$ FS/°C
Isolated Resistance Checking Range	Range: Approx. 10 M Ω or less Measured transducer has isolated resistance when operation OFFSET switch Alarm with buzzing sound in abnormal conditions Alarm sound changes with resistance value.
Power Supply	4 AA nickel-cadmium batteries with continuous operating time (350 Ω bridge) approx. 20 h, dedicated charger (Standard accessory) compatible with AC power units. Recharging time: Approx. 15 h Display for voltage reduction signal
Dimensions	90 W \times 33 D \times 180 H mm (Excluding protrusions)
Weight	Approx. 450 g

Standard Accessories	Instruction Manual AA nickel-cadmium batteries Dedicated charger
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■ Dimensions

