



SINOCERA



Global Sensor
Technology

Double-channel Proximity (Eddy) Displacement Meter

Model: YE5937B

FEATURES

- Double 4½ digital LED indicates dynamic and static displacement;
- Gap voltage indication; manual and auto-balance ($\pm 10\%$); DC and AC power supply.
- Matched with CWY-DO-500 series Proximity (eddy) displacement transducers.



Suitable for Transducers	CWY-DO-500series Proximity (eddy) displacement transducers			
Supply Power for Transducers	-24V $\pm 5\%$ /15mA			
Input Impedance	$\geq 40k\Omega$			
Measure Mode	static displacement, dynamic displacement (PK to PK)			
Measure Range(mm)	2	4	10 (12.5)	20 (25)
Corresponding transducer sensitivity	8	4	0.8	0.4V/mm
Displacement output sensitivity	8V/2mm; 8 V/4mm; 5 V/12.5mm; 5 V/25mm			
Display	4½ digital LED			
Display Unit	Displacement: mm; Adjustment & ½ gap: V			
Accuracy	Static: $\pm 0.2\%$; Dynamic: $\pm 0.2\%$ (10Hz-1kHz)			
Resolution	Displacement: 1 μ m(Range:2mm,4mm); 10 μ m(Range:10mm,20mm) Voltage: 1mV			
1/2 Gap	Transducer Mounting Gap Voltage			
Temperature	Operating: 0°C to+40°C; Storage: -55°C to +85°C			
Humidity	85%R.H. Max.			
Power Supply	AC : 220V50Hz/110V60Hz; DC: ± 18 V			
Dimensions	216mm (W) \times 91mm (H) \times 270mm(D)			
Weight	About 2Kg			
Input Mode	3-pins Socket (Matched withCWY-DO-500 series output)			
Output Cables	Two			
Power Cable	One			