

INDI-00

DISPLAY FOR REFERENCE FORCE TRANSDUCERS

The INDI-00 is a high accuracy portable indicator designed to be used in combination with standard reference force transducers with accuracy class 0.5 and 00 following the norm ISO376.



INDI-00

Display

Display 6 digits (red leds of 15 mm)
Units Newton, kilo Newton or mV/V

Input signal

Input Wheatstone bridge (6 wires – 50 Ω min.)
Maximum 4 mV/V
Transducer supply 5 Volt (inverted polarity – 29 Hz)

Accuracy

Accuracy class 0.01 %
Non-linearity ≤ 0.002 % of full scale
Input resolution 0.1 μ V/V per digit
Internal resolution 550.000 divisions
Conversion speed 17 / s
Thermal stability of zero ≤ 2 ppm/ $^{\circ}$ C
Thermal stability of span ≤ 2 ppm/ $^{\circ}$ C
Long term stability ≤ 0.005 % of full scale per year

Outputs

Digital outputs RS-232C or (RS-485 on option)
Analog output (option) 0..10 Volt or 4..20 mA (16 bits – drain)
2 independant set points (option) 24 VDC – 100 mA (transistor output)

Environnement

Power supply 230 VAC (option:internal rechargeable battery)
Operating temperature from -10 to +40 $^{\circ}$ C
Storage temperature from -10 to +70 $^{\circ}$ C
Humidity ≤ 90 % RH
Protection IP 54

Other specifications

Internal calibration resistor activated by push button on the front plate
Weight 6.7 kg

Complementary products

Acquisition and management software (see specific documentation)
Transportation case

INDICATOR model INDI-00

INDICATOR FOR REFERENCE LOAD CELL



OPTION : CARD-BATT
Rechargeable internal battery

