INDI-5250 WEIGHING INDICATOR

Very-high-accuracy digital indicator designed for weighing applications.

CE (OIML)

Features

o Approved for 10.000 d OIML
o Up to 70 measurements per second
o Alibi-memory for 10.000 records
o Parallel connection of up to 10 strain-gauge load cells (350 ohms)
o Display resolution up to 99.000 d
o Bright, 6-digit, red LED display (14 mm)
o Serial RS-232 port for connection to serial printer, computer or remote display
o Desktop or industrial housing
o 1 digital input (programmable as tilt input or to tare scale remotely or others)
o 2 digital outputs (programmable as weight set-points or as other control outputs)

Available option(s)

- analogue output 4(0)...20 mA or 0.02...10 V

Application(s)

SENSY's INDI-5250 is perfectly designed for the following applications:

- Legal for trade weighing,
- Accurate industrial weighing.

Function(s)

- Zero, tare, tare recall, print, total
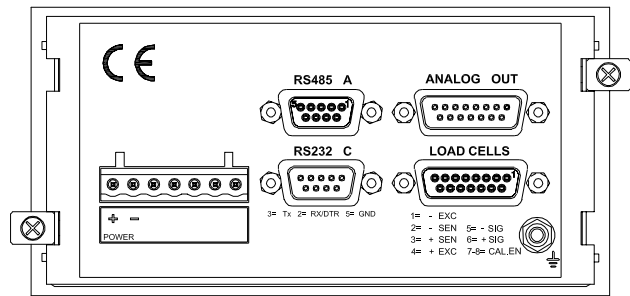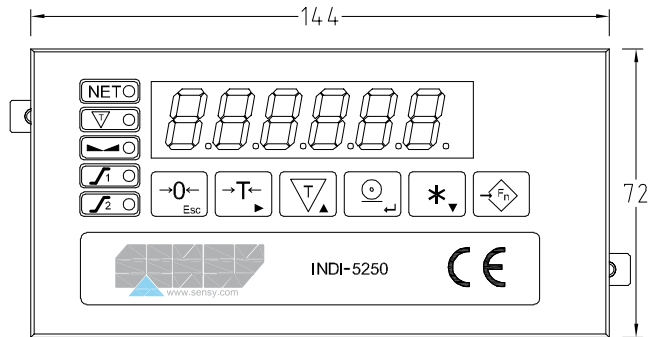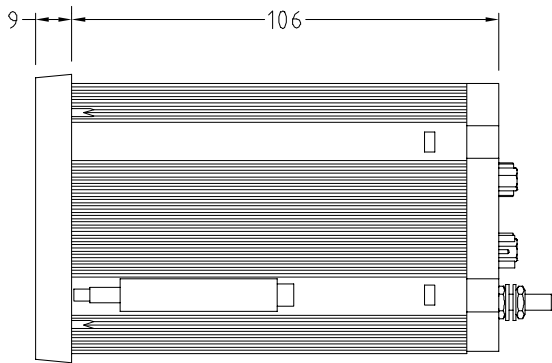- Automatic zero tracking, no motion detection

Specifications	INDI-5250	
Type	Strain-gauge input (mV/V)	-
Accuracy class	10 000 d OIML	-
Input range	1...4 mV/V	-
Sensor excitation	±5 VDC switched polarity or +5 VDC, with sense	-
Non-linearity error	<= 0.01	% F.S.*
Display	6 digits	-
Internal resolution	550 000 div.	-
Service temperature range	-10...+40	°C
Storage temperature range	-10...+70	°C
Temperature coefficient of the sensitivity	< 0.02	% F.S.*/10°C
Temperature coefficient of zero signal	< 0.02	% F.S.*/10°C
Power supply	9...15 VDC (adapter 230 VAC included)	-
IP rating	IP40 (IP54**)	-

*F.S. : Full Scale.
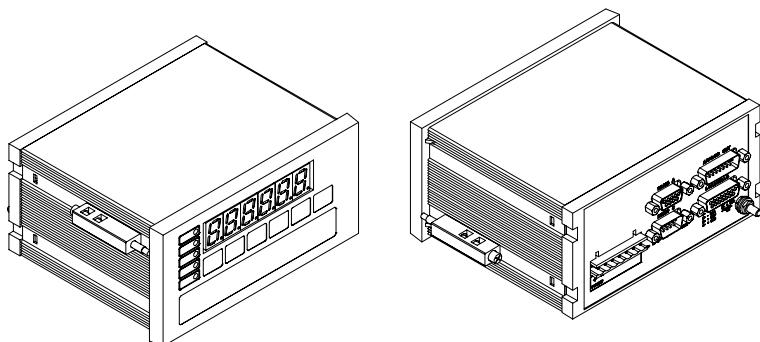**   : front panel only.
Specifications subject to change without notice.
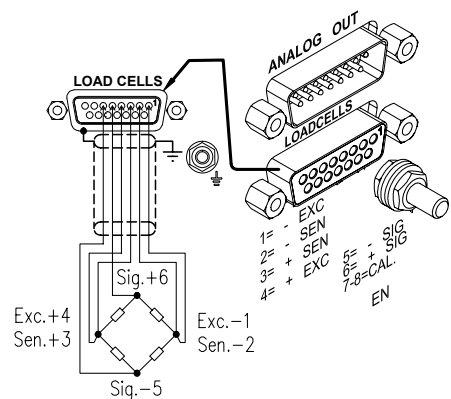
INDI-5250 >   STANDARD DIMENSIONS

9 — 106

144

72

NET

INDI-5250 CE

www.sensy.com

CE

RS485 A   ANALOG OUT

RS232 C   LOAD CELLS

POWER

3= Tx 2= RX/DTR 5= GND

1= - EXC
2= - SEN   5= - SIG
3= + SEN   6= + SIG
4= + EXC   7-8= CAL.EN

Note: panel cut-out 136.5 mm (-0+0.8) 66.5 mm (-0+0.5)

Dimensions in mm

Other views

Terminals

ANALOG OUT

LOAD CELLS

LOADCELLS

1= - EXC
2= - SEN
3= + SEN
4= + EXC

5= - SIG
6= + SIG
7-8= CAL.
EN

Sig.+6

Exc.+4
Sen.+3

Exc.−1
Sen.−2

Sig.−5

Note: If used with a 4 wires load cell, you must shunt pins 1-2 and pins 3-4.