

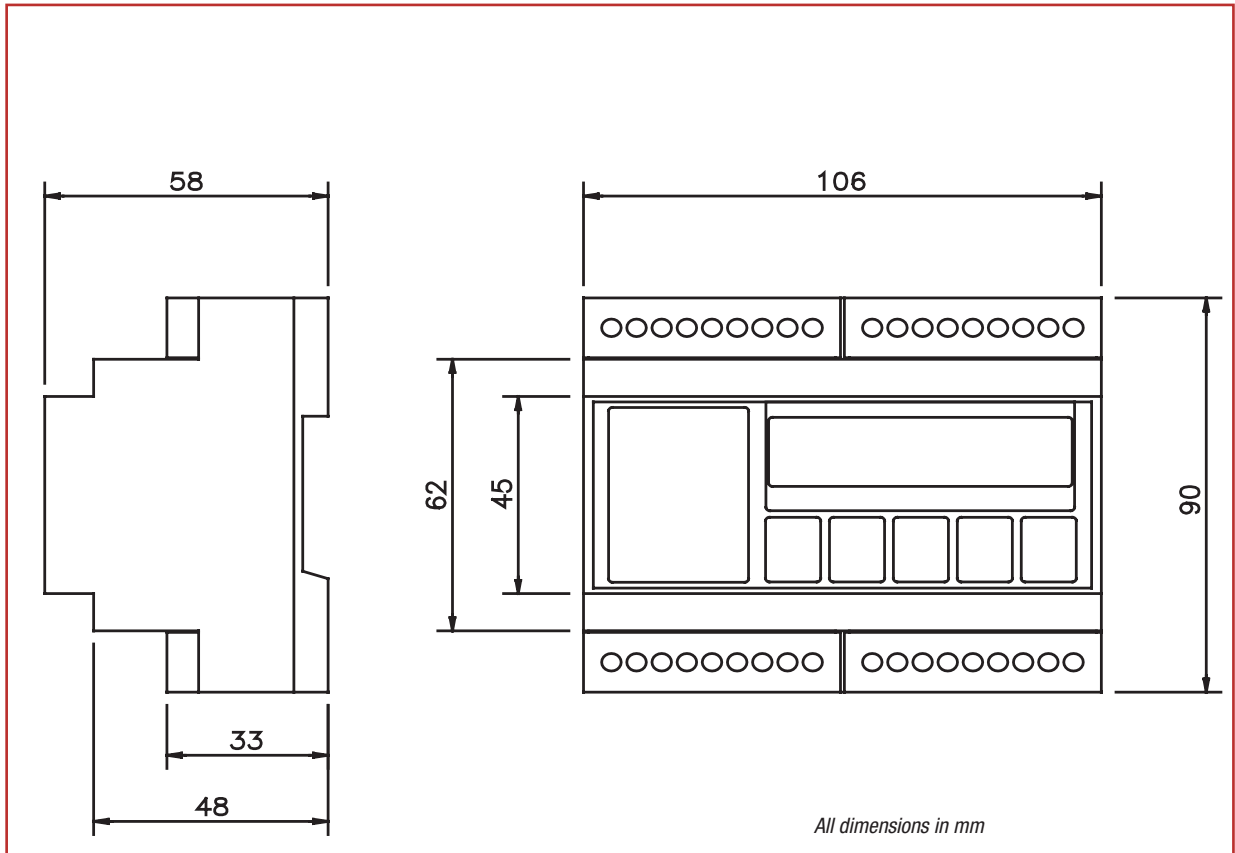
Model: LCC-IPE50

4 Independent Weighing Channels



- Din rail mounting
- Approved up to 10 000 d according to EN 45501
- 4 weighing channels
- Up to 8 350 Ohm load cells (4 or 6 wire)
- 1 RS485 output and 1 RS232 output
- 2 relay outputs and 2 logical inputs
- 0-10 V, 0-20 mA and 4-20 mA analog output

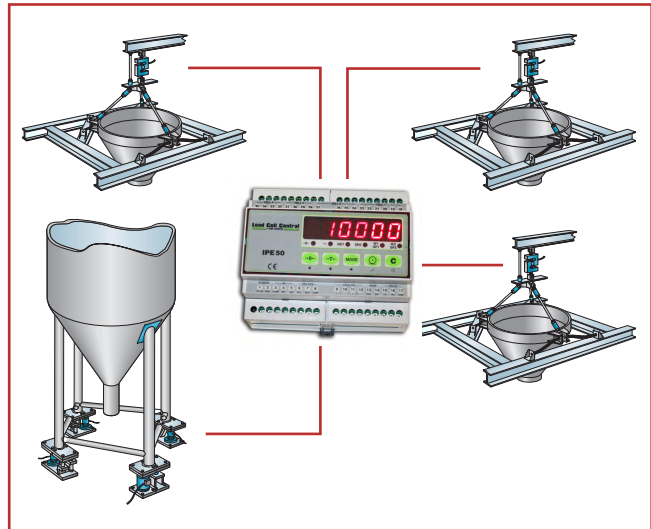
MODBUS-RTU
PROFIBUS-DP (option)



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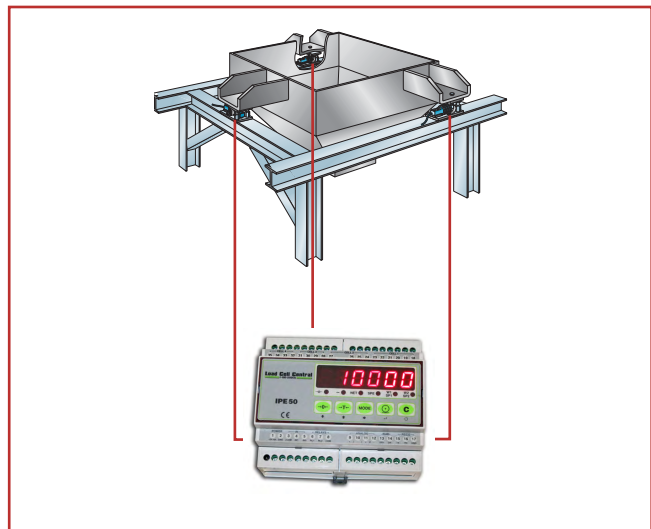
1 to 4 independent measuring channels

- Independent adjustment for each channel (including analog output)
- Display, functions and input/output (RS232, RS485, Analog, relays) refer to the selected channel
- Channel selection by keyboard or RS232 - RS485 command



2 to 4 dependent measuring channels

- Digital corner equalization available
- Display, functions and input/output (RS232, RS485, Analog, relays) refer to the sum of the channels
- In diagnosis mode, it is possible to read individually by each channel (in microvolts)

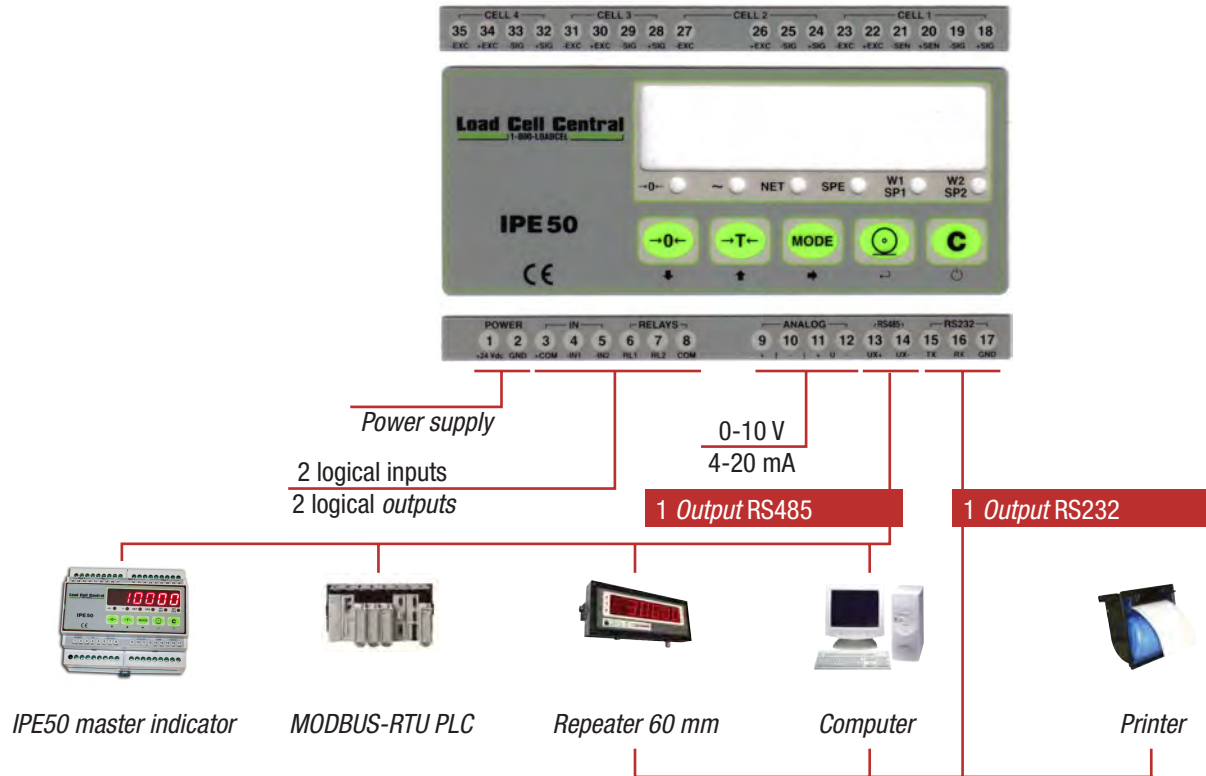


Functions

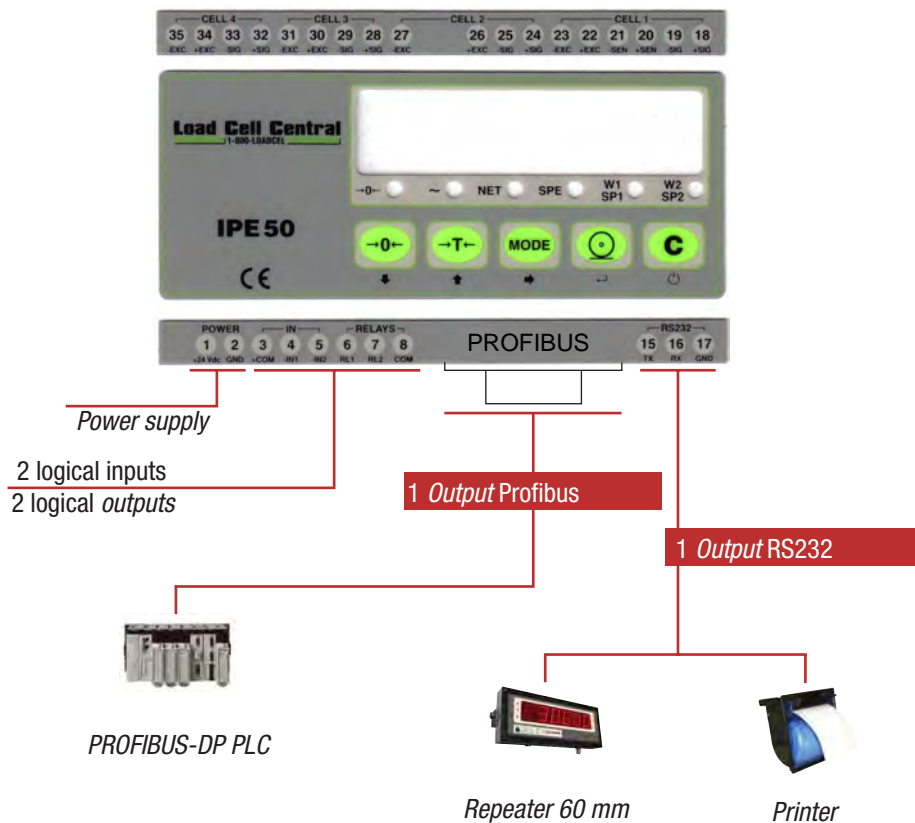
- Manual zero setting, auto zero at the start-up, zero tracking
- Semi-automatic tare, manual tare
- Keyboard locking
- Selection of 6 digital filters
- Calibration possible with 3 linearization points
- Quick zero calibration without affecting span adjustment
- Gross/Net switching
- Master/Slave networking: Control of a network from 1 to 4 other IPE50 Din units, in repeater or summation mode
- HOLD mode : Allows freezing the weight on display
- PEAK detection mode: Max. measured weight memorization

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IPE50 2S ANA : Interface diagram



IPE50 2S PROFIBUS : Interface diagram



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Load Cell Central
28175 Route 220
Milan, PA 18831

Web: www.800loadcel.com
Email: sales@800loadcel.com

Toll Free: 1-800-562-3235
Ph: 1-570-731-7048
Fax: 1-570-731-7054

Load Cell Central

1-800-LOADCEL

General Specifications

Accuracy class	class III, 10 000 d
Measuring channels	1 to 4 independent channels (6 wire connection only possible on 1 channel)
Load cell input voltage	5 VDC / 120 mA
Min. input resistance load cells	42 Ω
Input signal	0 ... +6 mV/V
Minimum division voltage value	0.3 μ V
Compensated temperature range	-10 ... +40°C
Linearization	3 pts
Filtering	6 types with adjustable level
Display	LED 6 digits 13 mm

Technical Specifications

Power supply	12-24 VDC / 3.6 W
Internal resolution (converter)	24 bits
Internal converter rate	max. 200 conv./s
Refreshing rate I/O (numerical and analog output)	max. 15 measurements/s
Channel switching time (in independent mode)	~1 s
Displayed resolution	10,000 d, 2x3,000 d up to 200,000 d (high resolution)

Standard Input/Output

2 static relay outputs	48 VDC, 0.1 A
2 logic inputs	12-24 VDC, 20 mA max.
2 numerical outputs	1 RS232 - 1 RS485
16 bit analog output	0-20 mA, 4-20 mA, 0-10 VDC

Options

PROFIBUS-DP output	Replaces RS485 and analog outputs
DSD : data storage device	131,000 Readings

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