

General information

PWS14720241015

The weight transmitter E LINK 3000 can be integrated into any industrial regulation and supervision system. This weight instrument has 5 different electronic configurations and 5 different enclosures for every installation requirement. The weight transmitter E LINK 3000 can be configured from a PC, by using a dedicated software or directly from the Master via the communication protocol. Its main functions are: field and remote fault diagnostics, faulty cell emulation function with exclusion from the weighing system and automatic recalibration of the new load cell. The weight transmitter E LINK 3000 owns two serial ports: COM1: RS232 for parameter configuration from PC and COM2: RS485 with Modbus Protocol and Fieldbus. E LINK 3000 has 7-pole removable terminals (5 mm diameter) for electrical connection to load cells.



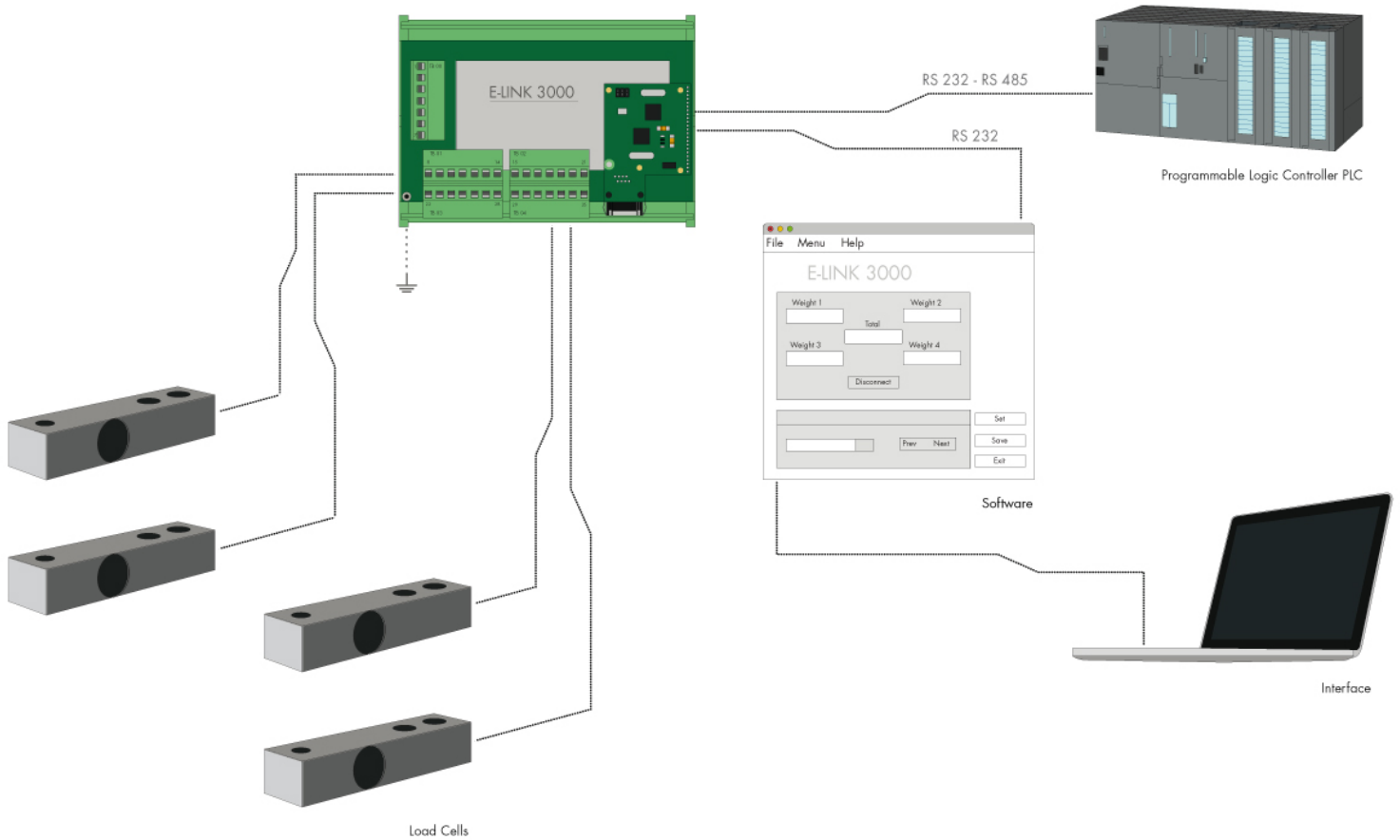
All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

Technical specifications

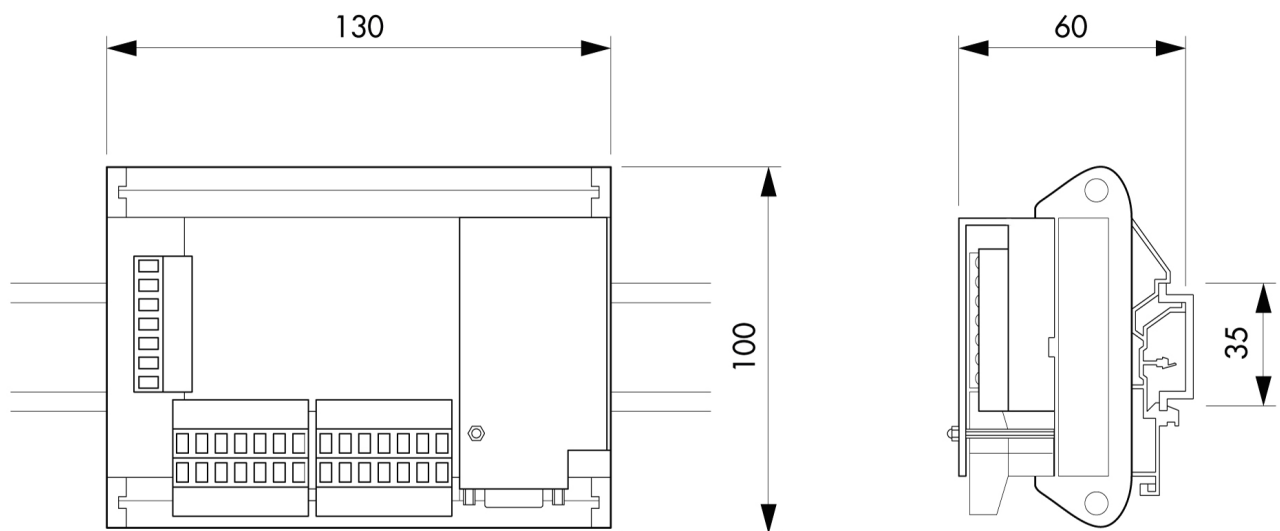
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Input sensitivity:	0.003 μ V/count
Full scale non-Linearity:	< 0.01%
Gain drift:	< 0.003% FS/ $^{\circ}$ C
A/D Converter:	24 bits
Internal Resolution:	> 16.000.000 points
Temperature range:	-10 \div +50 $^{\circ}$ C
Storage temperature:	-20 \div +70 $^{\circ}$ C
Excitation voltage:	5 Vdc
Serial port:	COM1: RS232 (for configuration parameteRS from a PC); COM2:RS485 Protocol Modbus RTU
Power supply:	12 \div 24 Vcc
Regulatory compliance:	EN 61000-6-3, EN 61000-6-2
Dimensions:	130x100x60 mm (WxHxD) card of support for DIN rail
Number of readings per second:	0.1 \div 72 based on the number of cells and on the digital filter value
Input signal cells:	-5 mV/V \div +5 mV/V

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