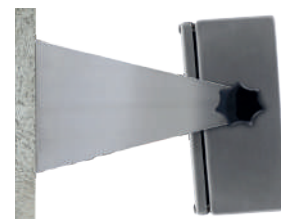


PUE C/31H Indicator

Standard weighing and mobility in challenging ambient conditions



PUE C/31H



Possibility to mount the indicator to the wall



Communication interfaces

Functions

- Parts counting
- Percent weighing
- Totalizing
- In-built battery
- Replaceable units
- +/- Control
- Animal weighing
- Peak hold
- Stainless steel design

Features

Operation in Harsh Conditions

PUEC/31H and PUEC/31H/Z indicators are intended to be components of industrial scales. Stainless steel housing with IP68/69 ingress protection enables their application in challenging environment.

Uncomplicated Operation and Clear Presentation of Indications

A clear 6-digit LCD display with backlight and pictograms provides clearly visible measurement result. Easy operation enables fast and reliable measurements to be carried out even by an inexperienced operator.

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Mobility due to an Internal Battery

In addition to power supply from the mains, PUE C/31H indicator is equipped with internal battery that enables several hours long mobile operation.

Ergonomics and Comfort of Operation

With use of a long cable it is possible to locate the indicator in a place facilitating convenient operation or on the wall. An additional accessory enables placing the indicator on a stand.

Technical Specifications

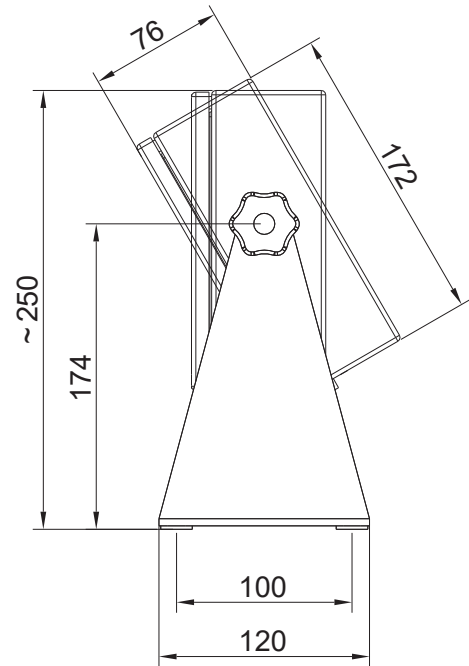
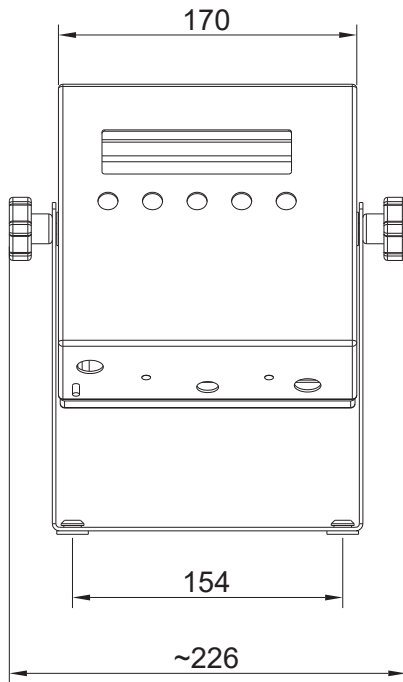
	PUE C/31H	PUE C/31H/Z
Maximum quantity of verification units [e]	6000	6000
OIML class	III	III
Maximum signal gain	19.2 mV	19.2 mV
Maximum voltage per verification unit	3.2 μ V	3.2 μ V
Minimum voltage per verification unit	1.0 μ V	1.0 μ V
Minimum load cells impedance	80 Ω	80 Ω
Maximum load cells impedance	1200 Ω	1200 Ω
Supply voltage of load cell	5V DC	5V DC
Load cells wiring	4 or 6 wires + shield	4 or 6 wires + shield
Multi range	1 or 2 ranges	1 or 2 ranges
Housing	AISI304 stainless steel	AISI304 stainless steel
Ingress protection	IP 68 (1h max)/69	IP 68 (1h max)/69
Display	LCD (with backlight)	LCD (with backlight)
Keypad	microswitch	microswitch
Keys quantity	5	5
Additional display	LCD*	LCD*
RS 232	1	1
Power supply	100 ÷ 240 V AC 50 ÷ 60 Hz + battery	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC /+ battery 10-18V DC, I _{max} = 600 mA**
Means of power supply	power supply cable built in get cell SLA accumulato	power adapter for charging battery built in SLA battery
Battery operating time	45 h (average time)	45 h (average time)
Power consumption	6 W	6 W
Operating temperature	-10 ÷ +40 °C	-10 ÷ +40 °C
Relative humidity **	10 ÷ 80%	10 ÷ 80%
Transport and storage temperature	-10 ÷ +50 °C	-10 ÷ +50 °C
Overall dimensions	226 × 250 × 120 mm	226 × 250 × 120 mm
Net weight	3.4 kg	3.4 kg
Gross weight	4.2 kg	4.2 kg
Packaging dimensions	300 × 250 × 140 mm	300 × 250 × 140 mm

* optional version

** optional power supply from car electrical system

*** non-condensing conditions

Dimensions



Accessories

Peripheral Devices

- Epson dot matrix printer
- LCD – WD-4/3 display (backlit)
- WWG-2/3 large-size display

Cables, Converters

- RS 232 – PT0259 cable (scale - indicator)
- RS 232 – PT0326 cable (indicator– indicator)
- RS-232 – P0151 Epson printer cable

- RS232 – KR-04-2 converter
- RS232 – KR-04-3 converter
- AP2-3 current loop unit (in stainless steel housing)
- external power supply - K0046D (for PUE C/31H/Z)
- K0047 – cigarette lighter cable

Remaining Accessories

- stands for indicators

Dedicated Software

R-LAB

- collecting measurements
- statistical analysis of measurements
- customized graphs and reports

LabView Driver

- operation of RADWAG scales in LabView environment

Scale Editor

- Software designed to enable change of parameters in the PUEC/31 indicator.

Radwag Development Studio

- presentation of functions (and subfunctions) of communication protocol (Common Communication Protocol)
- possibility of connection with weighing equipment on which each function is carried out,
- library with mass control, contained within the development environment
- complete documentation of the communication protocol
- set of user manuals for different solutions addressed for programmers employed in companies using RADWAG-manufactured weighing equipment

RADWAG Connect

- establishing communication with all balances, scales and weighing modules using Common Communication Protocol
- communication via local network,
- support of basic functions
- auto searching for devices
- connecting with few devices simultaneously, swapping between them
- clear list of connected platforms
- record of measurements in the program,
- export of carried out measurements to CSV file,
- work performed using freely selected device with Windows 10 operating system

RAD KEY

- Establishing scale-computer cooperation

R.Barcode

- The basic function of the software is presentation of the data sent by barcode scanners connected to PC via USB or RS232