



Functions

WEIGHING:

- Acquisition of weight and speed.
- Measurement of actual and average weight.
- Total and partial totalisation.
- Load preselection.
- Min. and max. thresholds with timers - alarms.
- Automatic taring.
- Automatically controlled gauging.

PRESELECTION:

- Automatic end-of-belt correction.
- Possibility to start the empty or loaded belt.
- Start/stop command of extractor and scale without the need of an external automation system.

PRINT:

- Text on the weigh ticket freely configurable via keyboard (*company data*).
- Print-out: automatic (*after reaching preset weight*), periodical (*at preset intervals*) or upon manual print command.

COMMUNICATION:

- JBUS/MODBUS protocol.
- Binary or real time data exchange.
- All functions and parameters accessible via protocol.

EXTRA FUNCTIONS:

- Parallel I/O with programmable function.
- Handling of a programmable "grouped errors output".
- Autonomous date/time stored in the memory.

General

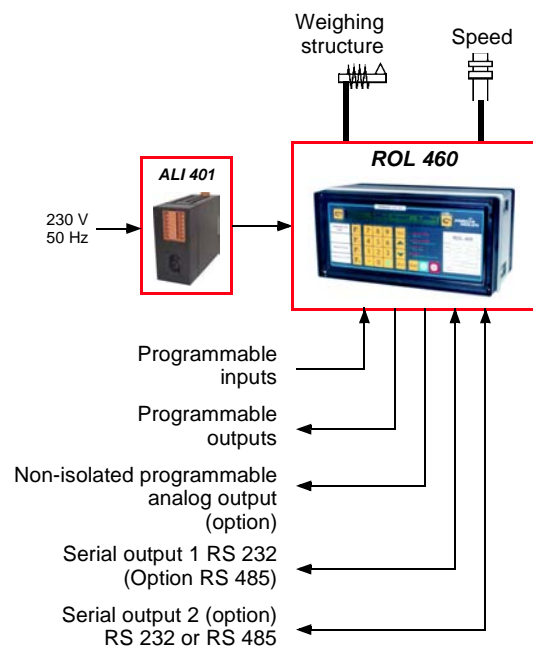
Connected to the tachometer of a belt scale, the electronic ROL 460 single channel belt scale controller measures a continuous flow of bulk commodity with a variable throughput and totalises the passed weight.

General presentation

- 1 built-in type housing (*cut out: 232x139x200*), industrial protection rating IP 65 (*front panel*) - communication cable, L = 2 m:
 - 23-key keyboard,
 - 1 back-lit LCD display with 40 characters,
 - 1 CPU board + Weight/Speed acquisition,
 - 1 keyboard/display controller board,
 - 1 serial interface board, RS 232 (Mod-Bus/J-Bus) for PC, printer, micro-computer, supervision, PLC,
 - 1 parallel I/O board (4 in/4 out) for individually settable in/outputs by parameters,
 - 1 ALI 401 power supply unit.
- Alphanumerical display on the screen of the capacity, totalised weights, belt speed and weight per meter.
- Status indication by 8 LEDs.
- Easy programming by means of menu-driven dialogues.
- Personalised printing program.
- Communication program (*JBUS protocol*).
- Operator dialogue in 4 freely programmable languages (*French, English, Spanish, Polish*).

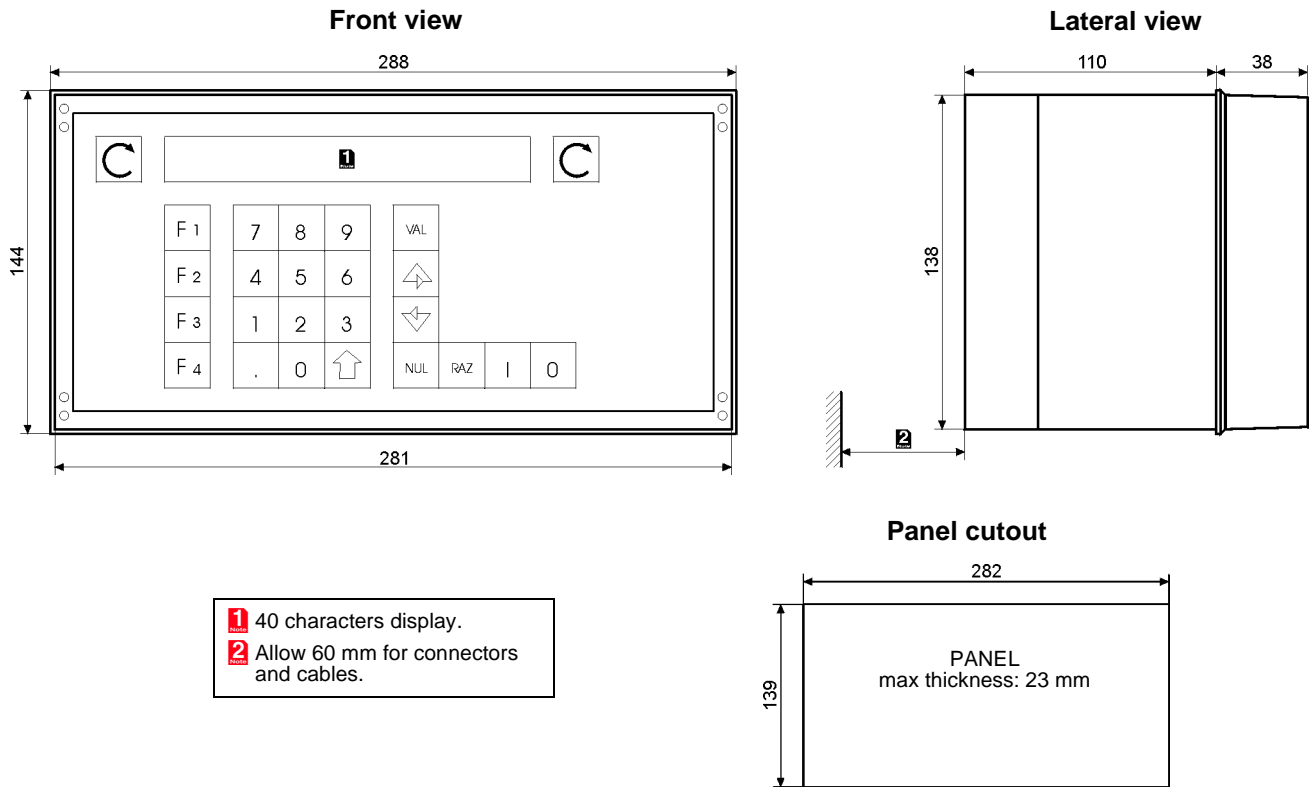
Typical application

DYNAMIC WEIGHING



Physical characteristics

■ Dimensions built-in model:



■ Weight: 2 kg ≈

Electrical characteristics

- Mains voltage 230 V
- Frequency 50 Hz
- Power consumption per scale approx. 4 VA

Environmental characteristics

- Industrial protection rating IP 65 (ROL 460 front panel)
- Temperature range:
 - operation - 10°C / + 40°C.
 - storage - 20°C / + 60°C.

Options & Accessories

- 1 Programmable analogue output board (2 out) (0-20 mA or 4-20 mA)
- 1 Second serial interface board for printer or PC (RS232 or R 485).
- Regulating function (see REG 460).
- Bracket for table or wall mounting.
- Cabinet with glass door 450 x 250 x 300 - (IP55).
- Weight or capacity slave display.
- Printer for 80 columns or weight tickets.
- Recorder.
- Micro-computer.

Your weighing specialist

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