



### Main applications

Fitted in standard with RS 232, RS 422, or RS 485 interfaces and a PRECIA MOLEN field bus, it can be associated with all indicators of the PRECIA MOLEN range, for a new installation or a renovation project.

In addition, as it features a protocol programming device, it can be adapted to various indicators from other manufacturers than PRECIA MOLEN.

### Description

Sealed box in painted metal sheet.  
Plastified display panel.

- 6 LED displays with 7 segments and decimal point (h = 57 mm).
- 4 status indicators:
  - scale at zero,
  - stable weight,
  - net weight,
  - information display.
- 3 channel indicators:
  - A, B, C.

Cables run through sealed cable glands located under the casing, and internal electric connection by:

- screw-on terminal strip (supply),
- spring terminal strips (signals).

Delivered with a visor and orientable wall fastening kit.

### Presentation

The D 570 slave weight display unit is designed for all industrial applications requiring:

- high legibility,
- perfect resistance to industrial environments and the most severe climatic conditions.

Its display screen is composed of 6 numeric digits, 57 mm high, allowing to read at a distance and very high brightness for legibility in the most unfavorable outdoor lighting conditions.

Its mechanical design, tight housing and electrical connections with plastic cable glands, ensures an ideal ingress protection (IP 66) and an excellent resistance against corrosion, so that it can be used in all types of industrial environment.

### European conformity

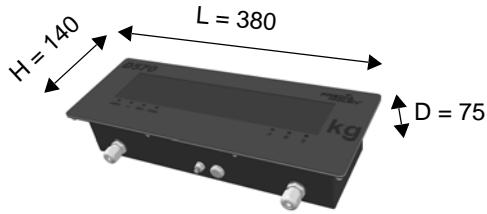
Low Voltage Directive 73/23/CEE amended.

Directive 2004/108/CEE for Electromagnetic Compatibility amended.

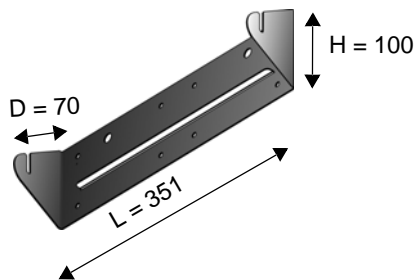
## Technical data

### Physical characteristics

- Weight ..... ~ 3.7 kg (repeater alone)
- Dimensions repeater only:



- Wall fastening bracket



A borehole is located at the centre distance (210 mm) to ensure mounting compatibility with the bracket of the ABC 57 repeater.

- Set (repeater + visor + bracket)
  - Total depth ..... 253.8 mm

### Electrical characteristics

- Power supply
  - Voltage ..... 230 V
  - Frequency ..... 50 Hz
  - Max consumption ..... 15 VA

### Environment

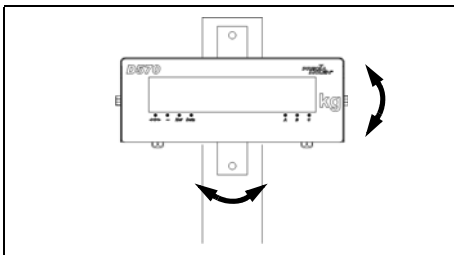
- Temperature range
  - Use ..... - 10 °C / + 50 °C
  - Storage ..... - 20 °C / + 70 °C
- Protection rating ..... IP 66

### Interface

- PM Net field bus link or serial link:
    - IND1 protocol,
    - repeater protocol (master A),
    - programmable protocol.
  - RS 232, RS 422 or RS 485 link (configuration by switches):
    - Transmission rate ..... 1200\*, 2400, 4800, 9600, 19200 bauds.
- \* Default value.

## Options & Accessories

- Two axes orientable bracket



- Other options and accessories

- Mains cable.
- Connecting cable.
- External adaptation for serial link in current loop.

### Your specialist

Non contractual illustrations. Precia-Molen reserves the right to alter the characteristics of the equipment described in this brochure at any time.

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