



Presentation

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

- high legibility (up to 60m),
- 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 unfavourable 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.

General presentation

Sealed box in mild steel.
Laminated display panel.

- 6 digits and decimal point at LED (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 terminals (supply),
- spring terminals (signals).

Delivered with a visor and orientable wall fastening kit.

Application

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, but also with indicators from other manufacturers (8 protocols) for a new installation or a renovation project.

It offers a powerful plug & play automatic search device*. Searching systematically starts with the last memorised protocol (self-learning). When the protocol is not recognised and if it can do it, the slave display shows the weight without the legal metrology light indicators.

European conformity

- ▼ Low Voltage 2006/95/CE directive amended.
- ▼ Directive 2004/108/CE for Electromagnetic Compatibility.

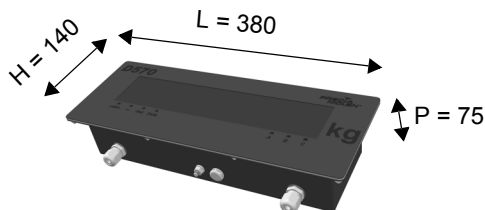
* List of automatically managed protocols:

- Master A
- Ind1
- Bilanciai
- Vishay / Bran & Lubbe
- Arpege
- Bruss
- VS 105
- Bruss BIDI

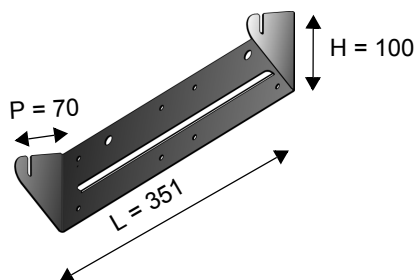
However, it is still possible in option to download the protocol that is compatible with your installation.

Dimensions and weight

- ▼ Weight3,7kg approx. (display alone)
- ▼ Dimensions slave display alone:



- ▼ Wall fastening support:



- ▼ Set (slave display + visor + support):
 - Total depth.....253.8mm

Electrical characteristics

- ▼ Tension 110 / 240 V
- ▼ Frequency 50 / 60Hz
- ▼ Maximum consumption 0,7A

Environment

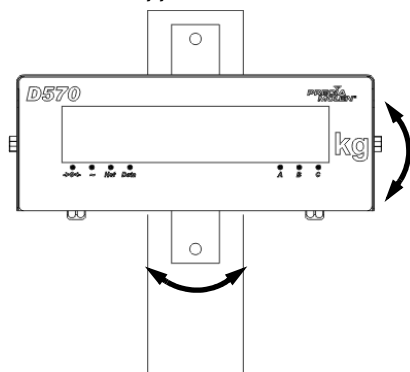
- ▼ Temperature range
 - Use - 10 °C / + 50 °C
 - Storage - 20 °C / + 70 °C
- ▼ Protection..... IP 66

Interface

- ▼ PM Net field bus link or serial link:
 - IND1 protocol,
 - slave display protocol (master A),
 - Bilanciai
 - Vishay / Bran & Lubbe
 - Arpege
 - Bruss
 - VS 105
 - Bruss BIDI
 - programmable protocol (optional).
- ▼ RS 232, RS 422 or RS 485 link (configuration by switches):
 - Transmission speed..... 1200 to 19200 Bauds.

Options & Accessories

Double-axis orientable support



Other options and accessories

- Mains supply cable.
- Connection cable.
- External adaptation for standard link in current loop.
- Protocol on request.

Your specialist

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

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