

i 20 Ex 2-22

Industrial indicator for explosible atmosphere

**PRECIA
MOLEN™**
WORLDWIDE WEIGHING



The **i 20 Ex 2-22** indicator is a precise, simple and user-friendly professional and industrial product that results from PRECIA MOLEN's experience, know-how and research skills.

Compliant with the 94/9/EC directive, it can be installed in hazardous area for all risks related to the presence of dust (zone 22) and/or gas (zone 2).

It stands out for the following qualities:

- ▼ Industrial use design (robustness, waterproofness, ease of cleaning).
- ▼ Ease of use.
- ▼ General use: connection to one or several load cells, tabletop, column or panel mounting.
- ▼ Manufacturing quality, material quality (304L stainless steel).
- ▼ Modern technology with FSC-LCD colour display.

Functions

- Simple weighing
- Counting
- +/- check
- Formulation
- Calculation

Settings

The metrological and functional configuration of the indicator can be performed via:

- the front panel of the indicator;
- with a PC and simple Internet browser.

Parameters back-up/restoration on μ SD (optional) card or PC disk.

Certification

- Metrology: test certificate delivered by a notified body according to the 2009/23/EC directive related to Non Automatic Weighing Instruments.
- Electromagnetic compatibility: compliant with the requirements of the 2004/108/EC directive.

ATEX certification

- Compliance with the requirements of the 94/9/EC directive related to protection devices and systems designed for use in explosible atmospheres.
- Marking according to EN 60079-0:2012
 - II3G Ex nA IIC T6 Gc
 - II3D Ex tc IIIC T85°C Dc

Display



- ✓ Weighing
- ✓ Calcul. menu



- ✓ Counting
- ✓ Target

- New FSC-LCD colour technology.
- Weight display: 7 25-mm height characters.
- Extra information: 10 8-mm height characters.
- Secondary units: 3 characters.

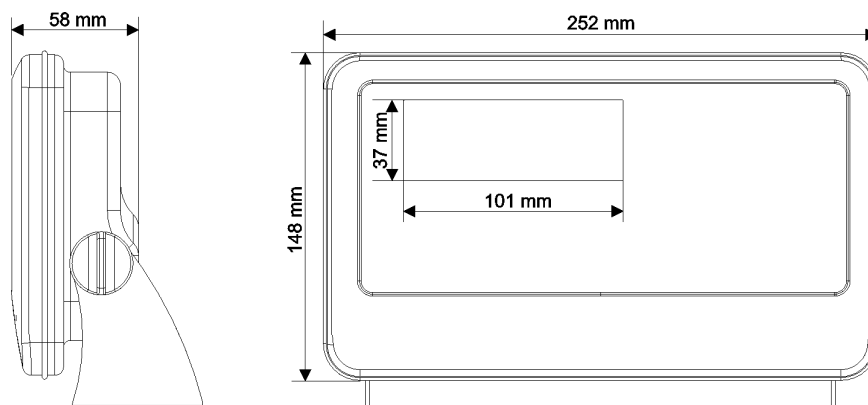
Keyboard

- Touch-sensitive keys.

Housing

- IP 66 protection.
- Built in 304L embossed stainless steel.
- Delivered with a universal tabletop, wall or column mounting support.

Technical features



Power supply

Power supply	9/30 V DC	Metrology
Maximum consumption	14 W	

Environment

▼ Temperature range

- In operation..... - 20 °C / + 55° C*
(at 85 % max. of relative humidity without condensation)
- In storage..... - 20 °C / + 55 °C
(at 85 % max. of relative humidity without condensation)

* - 10 °C / + 40 °C in legal for trade use.

	LT	NT
• Class.....	III	-
• Division (μV).....	0,5	-
• Simple range.....	6000	30000
• Double range.....	2 x 6000	-




▼ Load cells

• Power supply.....	5 V
• R _{Min}	43 Ω
• R _{Max}	1245 Ω

Supplied accessories

- Universal stand
- Cover

Options

▼ Data back-up Back-up on μSD card <ul style="list-style-type: none"> • Alibi memory (DSD) • File and parameter storage 	▼ Communication <ul style="list-style-type: none"> • USB for connection to a PC • 2nd RS 232 / RS 485 connection • Ethernet 	▼ Logical Inputs/Outputs Input/Output interface (with galvanic insulation) <ul style="list-style-type: none"> • 2 inputs: 8 to 30 V DC • 4 outputs: 30 V / 100 mA 	▼ Mounting kits <ul style="list-style-type: none"> • On platform  <ul style="list-style-type: none"> • Panel mount Cutting: 252 x 148 mm Thickness: 10 mm max.
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Your specialist

Illustrations not contractual. Precia-Molen reserves the right to alter the characteristics of the equipment described in this brochure at any time.

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