

## PR5410 Process Indicator

Minebea Intec

2023/06/02

## Features



- PR5410 is a weighing module that achieves 10000e Class III level accuracy
- High speed conversion enables response times from 10 ms
- 10/100 Mbits/s LAN adapter is built in
- Load cell, control input/output optocoupler, LAN adapter connector and RS232C interfaces are mounted on the back panel
- Enables actual load adjustment using weights, calibration of numerical input in mV/V, and load cell date input (smart calibration)
- Large display (height 18mm), clearly visible backlight LCD display
- OIML R76 10,000e
- Internal resolution: 1/4,000,000

## Specification

Specification name	Specification contents
Class	OIML R76; Class III 10000e acc. To EN45501
Non-linearity	<0.003%
Load cell Nominal supply voltage	DC12V max160mA, with remote sensing function, max 8 x 650Ω load cells (min 75Ω), max 4 x 350Ω load cells
Temperature effects	Zero: <0.05uV/K RTI, Span: <±2.5ppm/K
Input signal range	0~36mV

## PR5410 Process Indicator

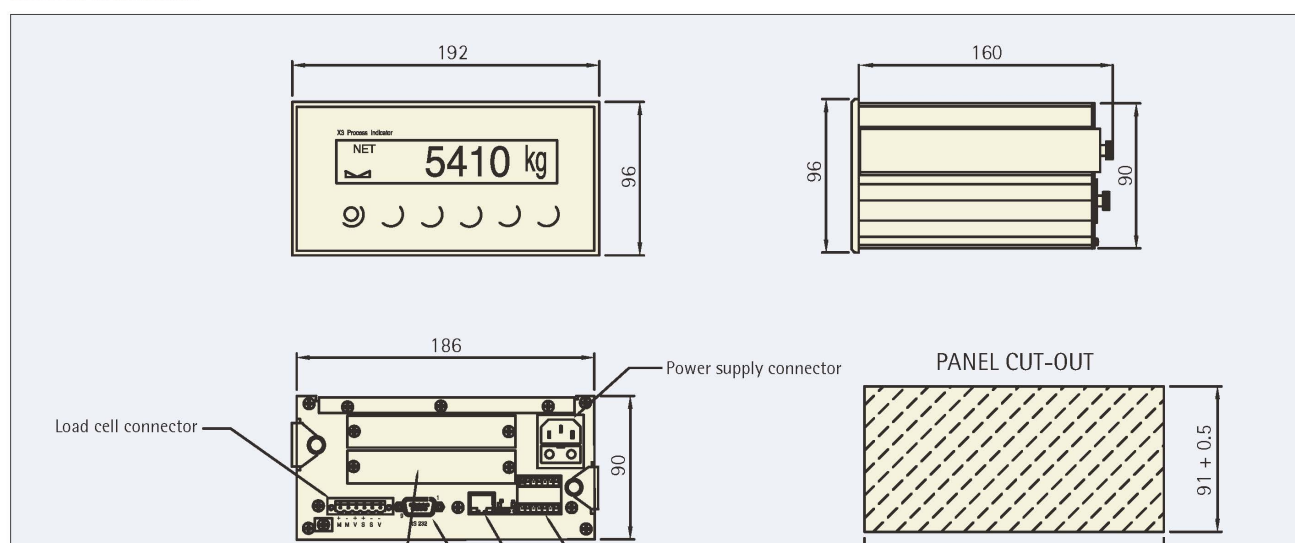
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Minimum entry force sensitivity	0.2 $\mu$ V/count
Internal resolution	max 4,800,000 counts at 3mV/V
Conversion speed	5~1600ms
Power supply	AC94V~264V 50/60Hz 11W/13VA ( max )
Ambient operating temperature	-10°C~50°C
Ambient operating humidity	95%RH or less (no condensation)
Temperature during storage and transportation	-20°C~70°C
Class of protection	Front panel: IP65, housing: IP30
Option	PR5510/04: Serial interface RS-485/422+RS-232C
Option1	PR5510/07: Analog output (current) 0/4~20mA, load resistance max 500 $\Omega$
Option2	PR5510/08: BCD output open emitter
Option3	PR5510/09: BCD output Open collector
Option4	PR5510/12: Digital input/output Photocoupler input 2 points (tare/un-tare, print command), output 6 points (weight error, zero, limit 1/2, near zero, scale error)
Option5	PR1721/31: Profibus-DP interface
Option6	PR1721/34: DeviceNet interface
Option7	PR1721/35: CC-link interface
Dimension (W x H x D)	192 mm x 96 mm x 150 mm
Weight	Approx. 1.45 kg
Gross Weight	2 kg

## External view

### External Dimensions



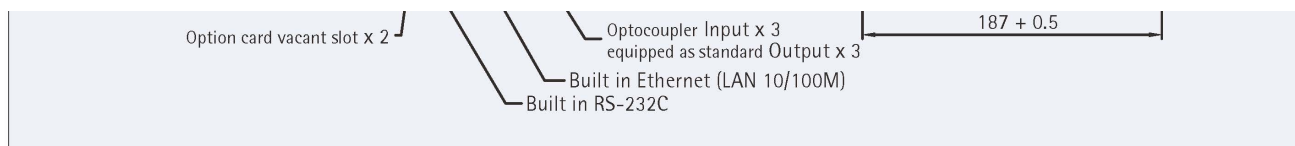
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Dimensions in mm

[Click here to visit the website of Intec Germany.](#)

## Latest News

2023.03.24

New Product

[\[New Product\]Digital Indicator "CSD-701C" is released ! Great improvement on Temperature Characteristics and Non-linearity!](#)

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