

## Process Controllers maxxis4 PR5500

Minebea Intec

2023/06/02

## Features



- Data Integrity (DI) Support
- User management and password management functions included
- Compatible with load cells, digital load cells, platform scales, and electromagnetic platform scales (optional)
- Class of protection: IP65 (front panel section)
- Extensive options including RS-232C/RS485, analog and digital I/O
- Data backup and restore function (in SD memory card)

## 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:<±4ppm/K
Input signal range	0~36mV
Minimum entry force sensitivity	0.24 μV/d
Internal resolution	max 7,500,000 counts at 3mV/V
Conversion speed	5~1600ms

## Process Controllers maxxis4 PR5500

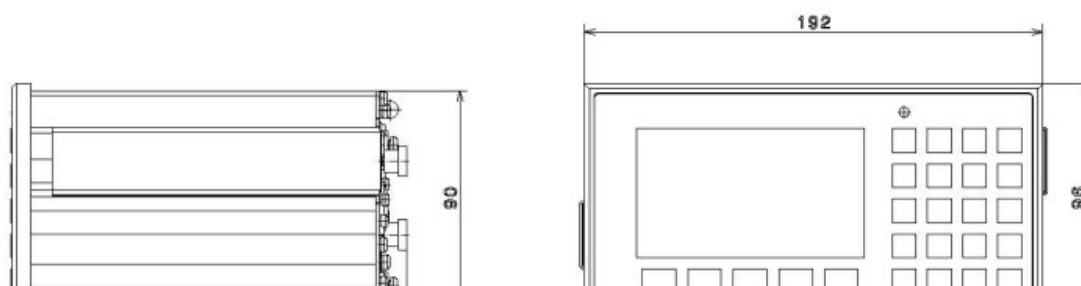
Minebea Intec

2023/06/02

Power supply	AC100-240V(-10/+10%), 50-60Hz, 32VA
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	IP65 (front panel section)
Standard interface	RS-232C, Ethernet TCP/IP, Modbus TCP, SD card port (SD memory card (8G) standard), USB port
Option	W1: A/D converter
Option1	L8: 24VDC power supply (-10/+10%)
Option2	L14: Cable clamp specification
Option3	L15: Reinforced frame
Option4	B15 (Option 1): RS-485
Option5	B25 (Option 2): RS-485 (with power supply for connection to IS electromagnetic platform scales)
Option6	B16 (Option 1): Analog output 0/4-20 mA
Option7	B26 (Option 2): Analog output 0/4-20 mA
Option8	B17 (Option 1): Digital I/O 4 points
Option9	B27 (Option 2): Digital I/O 4 points
Option10	C21 (FB option): Profibus-DP interface
Option11	C24 (FB option): DeviceNet interface
Option12	C25 (FB option): CC-Link interface
Option13	C26 (FB option): Profinet interface
Option14	C27 (FB option): Ethernet/IP interface
Option15	E5: Alibi memory audit trail function
Dimension (W x H x D)	192 mm×96 mm×157 mm
Weight	Approx. 2 kg
Gross Weight	3 kg

However, one item from FB option and Option 1, and one item from Option 2.

## External view



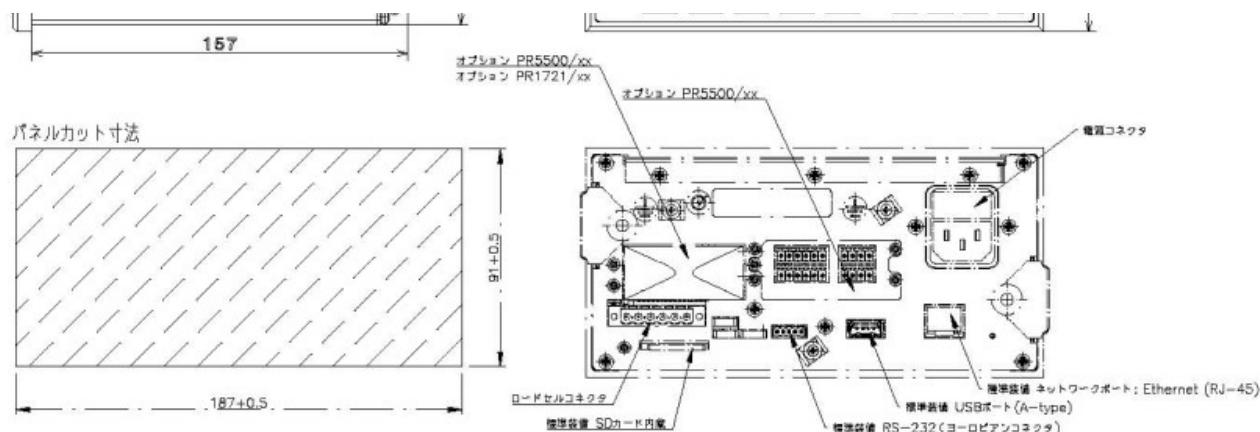
ミネベアミツミ株式会社

Copyright©MinebeaMitsumi Inc. All right reserved.

# Process Controllers maxxis4 PR5500

Minebea Intec

2023/06/02



[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!

[All News](#)