General information

PWS7020261113

The PKD 3000 weighing instrument is a multifunction weight microcontroller used in industrial systems. The PKD 3000 weight indicator manages up to 8 load cells and up to 4 independent scales and can be connected to printers and labellers using the available control drivers. Calibration and linearization up to 8 points can be programmed directly from the digital keyboard or from a PC. The PKD 3000 weight indicator can be customized and adapted to customer needs. PKD 3000 is also available in Batch version.



All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

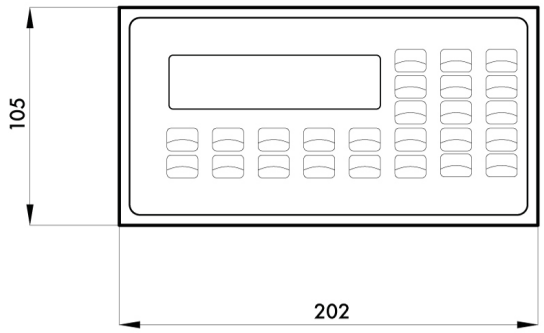
Technical specifications

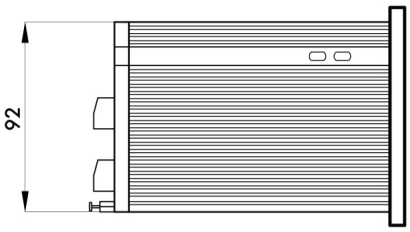
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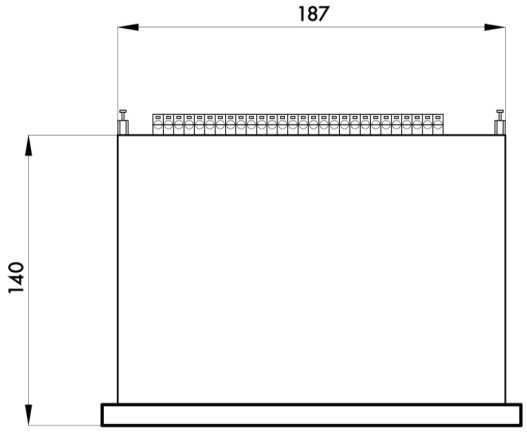
Measuring range:	0.6 mV/V ÷ 3.2 mV/V
Input sensitivity:	0.03 µV/count
Display:	Graphic backlit LCD 160x32 mm
A/D Converter:	24 bit
Trasducer input voltage:	5 Vdc ±5% 120 mA (max 8 cells 350 Ohm)
Divisions value (adjustable):	> 800.000 points
Temperature range:	-10 ÷ +50 °C
Logic output:	16 optoisolated outputs 48 Vac / 60 Vdc 0.15 A / 0.15
Zero balance:	±50 % RO
Logic inputs:	8 optoisolated inputs 12 ÷ 24 Vdc, 20 mA max.
Serial port:	2 RS232, 1 RS485
Analog optional output:	16 Bit, set on gross or net, V R min 0÷10 10 K Ohm 0/4÷20 mA R max 350 Ohm
Power supply:	100 ÷ 240 Vac 56 Hz to 60/12 Vdc, 6 Vdc internal power by rechargeable battery.
Conversion speed:	200 conversions per second with automatic selection
Power consumption:	16 VA

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