

Printwell 1200

Two channel data recorder
(expandable to six)



Description

Printwell 1200 is a fully configurable data recorder able to print values read by transducers (on two different channels of the master module + 4 channels on the optional slave module) connected to the input of the device on thermal paper.

The recorder has several keys and an LCD display so that it can be customized according to requirements.

The internal clock enables to print the measured values at regular intervals (that can be set at a minimum of 60 seconds).

All channels can be programmed and used to manage PTC or NTC probes, "J" or "K" thermocouples, Pt100 2-wire probes and 4...20 mA current transducers with a single device.

Printouts provide the following information:

- Unit of measurement and progressive number of the print
- The reason of the printout (the printing operation can be set to automatic, performed at regular intervals when the timer is operating or started manually by pressing a key on the remote control)
- Printout time (in hours, minutes and seconds)
- Day, month and year of measurement
- Measurement channel

The printer can also save the measured values at a preset time (configurable by means of a parameter) and print all the data acquired between two printouts at a specific time of the day or when the remote print output is enabled.

Technical Data

Front panel protection: IP30

Casing: plastic in ABS

Dimensions: 96x96 mm, depth 90 mm

Mounting: panel-mounting

Connections: removable screw terminal block

Operating temperature: -0...55 °C

Number of channels: 2 direct channels and 4 optional channels on slave module

Inputs: 2 direct inputs and 4 optional inputs on slave modules for PTC or NTC probes, "J" or "K" thermocouples, Pt100 2-wire probes and 4...20 mA current transducers

Digital input: input for remote printing

Measuring range: -45...150 °C for PTC, -20...110 °C for NTC, -100...700 °C for "J" thermocouples, -100...1300 °C for "K" thermocouples, -100...600 °C for 2-wires Pt100 probes (the range varies according to the sensor used)

Resolution: 1 °C, 1 °F, 1% R.H., 1 bar

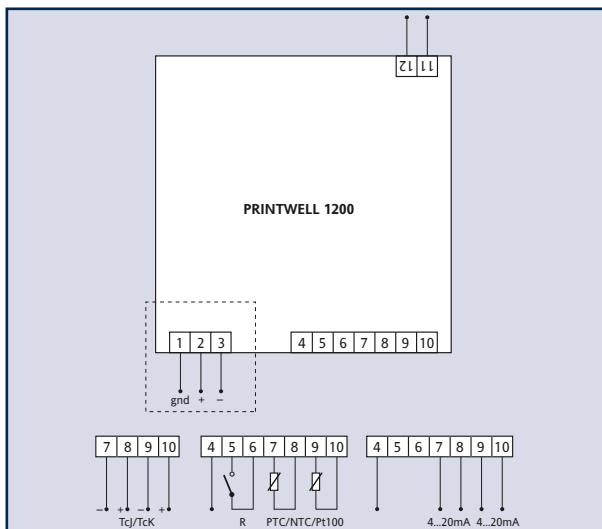
Type of paper: thermal paper not sensitive to light; width of print: 48 mm

Maximum dimension of paper roll: 58xØ30 mm

Power supply: 110-240 V~ ±10%, 50/60 Hz (standard) or 12...36 V~/-, 50/60 Hz (on request)

Maximum absorbed power: 12 W

Wiring Diagram



Description of Wiring Diagram

- | | |
|-------|----------------------------|
| 1-2-3 | Connection to Slave module |
| 4 | Auxiliary output 12 V~ |
| 5-6 | Digital input |
| 7- 8 | Input 2 |
| 9-10 | Input 1 |
| 11-12 | Power supply |





Printwell 1200

4-channel slave module for Printwell 1200

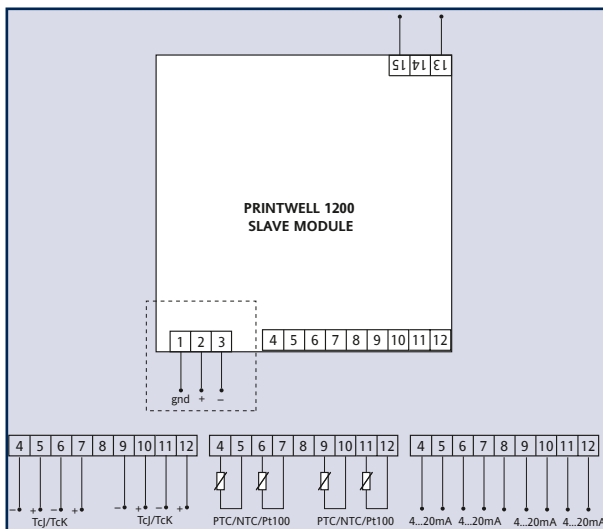
Description

4-channel slave module for Printwell 1200. The four channels can be programmed and used to manage PTC or NTC probes, “J” or “K” thermocouples, Pt100 2-wire probes and 4...20 mA current transducers with a single device.

Technical Data

Front panel protection: IP40
 Casing: plastic in ABS
 Dimensions: front part 71x90, 58 mm depth
 Mounting: on DIN rail
 Connections: removable screw terminal block
 Operating temperature: -0...55 °C
 Number of channels: 4 channels
 Input: 4 inputs for PTC or NTC probes, “J” or “K” thermocouples, Pt100 2-wire probes and 4...20 mA current transducers
 Measuring range: -45...150°C for PTC, -20...100°C for NTC, -50...640 °C for “K” thermocouples, -50...400°C for 2-wire Pt100
 Resolution: 1°C or 1°F, 1% R.H., 1 bar
 Auxiliary output: 12 V_{DC} for the supply of transducers
 Power supply: 90-240 V_{AC} ±10%, 50/60 Hz (standard) or 12 V_{AC}, 50/60 Hz (on request)
 Maximum absorbed power: 12 W.
 The maximum absorbed power is 12 W.

Wiring Diagram



Description of Wiring Diagram

- | | |
|-------|-------------------------------------|
| 1-2-3 | Connection to Slave module |
| 4-5 | Input 3 |
| 6-7 | Input 4 |
| 9-10 | Input 5 |
| 11-12 | Input 6 |
| 8 | Auxiliary output 12 V _{DC} |
| 13-15 | Power supply |

