

Tracker 211

A Low Cost Universal Input Digital Panel Meter for Temperature and Process Measurement
from: **£95.00**



Benefits:

- Low Cost
- Transmitter & Transducer Supplies
- One Relay Fitted as Standard
- Bright 4 Digit Display (Red)
- Easy Stock Holding
- IP65 Front Panel
- Universal Mains Power
- 110mm Deep
- Standard 1/8th DIN Size
- Available With or Without Front Panel Buttons

Options:

- Green Display
- Isolated Analogue Output
- Low Voltage DC/AC Power Supply Option
- Up to 3 Alarm Relays

Data Track has designed the Tracker 211 digital panel meter for low cost "no frills" applications, such as a digital temperature gauge but in demanding industrial environments. With the universal input and low cost of this panel meter, you can keep your spares inventory to a minimum. You can use the panel mounted Tracker 211 meter for measurement and display only applications or as an alarm trip. Fitted with the analogue output option, it can also act as a transmitter. An alarm relay is fitted as standard with a further 2 available as options. The Tracker 211 digital panel meter is styled to match other panel meters within the Tracker 200 series.

Universal Input

You can directly connect the Tracker 211 to most popular process sensors. These include Thermocouples, RTDs, 20mA loop Transmitters and DC signals up to 100mV and 10V. The Tracker 211 digital panel meter will display temperature in °C or °F to 0.1 degree resolution. Millivolt, 10 volt and 20mA DC signals can be scaled to engineering units using any portion of the -1999 to 9999 display range (with an adjustable decimal point position). There are 6 linearised thermocouple ranges for types K, T, J, N, R and S. Thermocouple inputs have automatic cold junction compensation (CJC) with up-scale sensor burnout detection. Two RTD (Pt100) ranges are also available. Zero, tare and max/min memory functions are available on versions fitted with front panel buttons.

Transducer / Transmitter Excitation Supplies

The Tracker 211 digital panel meter includes an isolated 24V DC transmitter supply as standard to provide power for 2-wire (4-20mA) sensors. We also provide a regulated 10V DC output for strain gauge type sensors such as pressure transducers and load cells.

Analogue Output (Optional)

The Tracker 211 digital panel meter can transmit a measured value as a linear 4-20mA signal to other devices such as a chart recorder or data logger. The output can be scaled to any portion of the display range, e.g. 4-20 mA = 500-800 (psi). The analogue output always follows the displayed value, so when using Thermocouples and RTDs, the analogue output is linear to temperature.

Alarm Relays

The Tracker 211 digital panel meter has one alarm relay fitted as standard and can be fitted with up to 3 alarm relays. You can configure Setpoints at the time of configuration or adjust them using buttons that are hidden behind the front panel. If you want to adjust the setpoints frequently, then Data Track are able to fit front panel buttons. You can configure each alarm to be high or low acting.

Configuration

The panel meter can be configured using concealed buttons; you can find these situated behind the front panel. There are no internal pots, links or switches. The Tracker 211 digital panel meter prompts the user for each setup parameter. For users who need to configure many units, a Windows compatible software program is available for setup, storage and downloading to the Tracker 211. We can supply a special adapter lead to connect an RS232 interface on the computer to the programming port on the Tracker 211.

Front Panel Buttons (Optional)

As an optional extra, Data Track can fit front panel buttons to allow fast and easy access to the alarm setpoints or when the tare, zero or max/min functions are to be used.

Units of Measurement

We supply engineering unit labels for the most common measurements including temperature, flow, distance, power and pressure.

Universal Power Input

Wide ranging 90-265V AC power input allows world-wide installation. Low voltage AC/DC version is also available.