

Low Cost LVDT Panel Meter for DC Output LVDTs | Tracker 211

Key Features:

- 4-Digit LED Display (-1999 to +9999)
- Universal Input: Voltage / Current / Thermocouple / RTD
- Wide Ranging Power Input: 90 to 265 VAC (low voltage AC/DC option available)
- Environmental Protection: IP65 (when installed)
- Sensor Excitation Supply
- Options: Alarm Relays, Analogue Outputs
- Low Cost
- Space Saving – 110mm Deep
- One Alarm Relay Fitted as Standard
- Transmitter & Transducer Supplies
- 3 Year Warranty

This product has been discontinued.
Please use our [Low Cost LVDT Indicator | Process Input | Intuitive-Lite4-P](#) instead.



The Tracker 211 is a low-cost universal digital indicator designed to provide an economical solution for displaying a broad range of process input signals. It can be directly connected to most popular process sensors including Thermocouple, RTD, 20mA loop Transmitters, DC signals up to 100mV and 10V. Temperature can be displayed 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 six 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 ranges are available. Zero, Tare and Max/Min memory functions are available on versions fitted with front panel buttons.

For sensor excitation an isolated 24VDC transmitter is provided as standard to supply power for 2 wire (4-20mA) sensors. In addition a regulated 10VDC (50mA) output is provided for strain gauge type sensors such as pressure transducers and load cells.

The Tracker 211 has one alarm relay fitted as standard and can be fitted with up to three alarm relays. Setpoints can be set at time of configuration or can be adjusted using the hidden buttons behind the front panel. If the setpoints are to be adjusted frequently, front panel buttons can be fitted as shown above. Each alarm can be configured to be high or low acting.

The Tracker 211 can be configured using front panel or concealed buttons, which are situated behind the front panel. The Tracker 211 prompts the user for each set-up parameter. For users that need to configure many units, a Windows compatible software program is available for set-up, storage and downloading to the Tracker 211. A special adapter lead can be provided to connect an RS232 interface on the computer to the programming port on the Tracker 211.

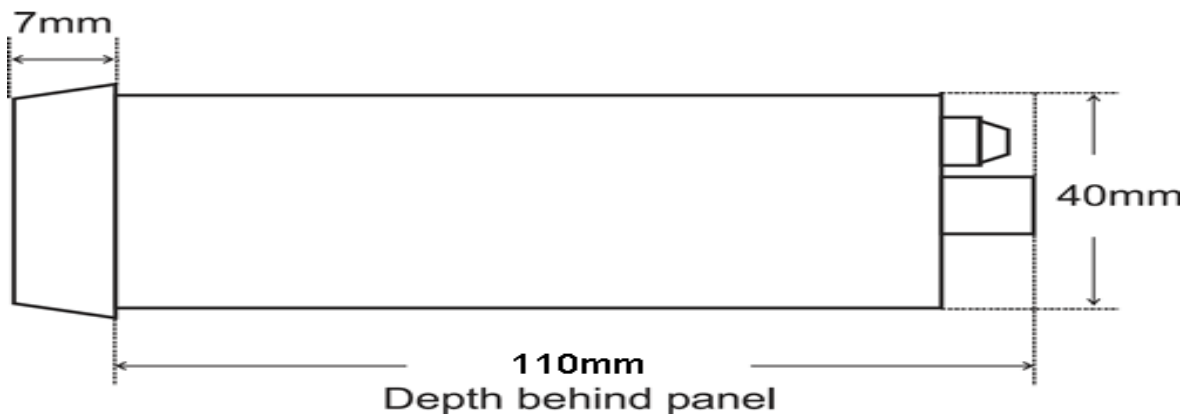
Options:

- Up to 3 Alarm Relays
- Isolated Analogue Output
- Low Voltage
- Front Panel Buttons

Specification:

CHARACTERISTICS	TRACKER 211	UNITS
Display	4 digit LED, 14.2mm high brightness red (green option) (-1999 to +9999)	
Display Update Rate:	2	Per second
Input Range	±20mA, ±100mV, ±10Vdc, 4-20mA,	
Accuracy		
Voltage & Current Inputs (±20mA, ±100mV, ±10Vdc)	±0.1% (worst case), 0.05% typical @ 25°C ambient	
Analogue Output Option (4 to 20mA)	0.4% of span (worst case), 0.2% typical @ 25°C ambient	
Environment		
Operating Temperature	+10 to +50	°C
Storage Temperature	-10 to +70	°C
Storage Conditions: Humidity	95	% RH non condensing
Environmental Protection	Front Panel IP65	
Safety and EMC		
Safety	EN61010	
Susceptibility	EN50082-2	
Emissions:	EN50081-1	
CE Certified:	CE Certified 2000	
Physical		
Dimensions	48 (H) x 96 (W) x 100 (D)	mm
Dimensions Panel Cut-out	45 (H) x 93 (W)	mm
Weight	0.4 (max), packed weight 0.55	kg
	Please consult sales regarding option requirements	

Dimensions (mm):



Ordering Codes:

Tracker-211-A-N-1-R	211	-	A	-	N	-	1	-	R
Product Family									
Tracker-211	211								
Outputs									
A = One Alarm Relay			A						
B = Two Alarm Relays			B						
C = Three Alarm Relays			C						
D = Analogue Output (1 Relay Fitted as Standard)			D						
E = Analogue Output + 1 Alarm Relay (2 Relays in Total)			E						
F = Analogue Output + 2 Alarm Relay (3 Relays in Total)			F						
Buttons									
N = Not Fitted					N				
B = Fitted					B				
Power									
1 = 90-256Vac (50/60Hz)							1		
2 = 12-32Vdc/AC							2		
Display									
R = Red (Standard)									R
G = Green (Optional)									G

Associated Products:



[AML/M Miniature LVDT Displacement Sensor](#)



[IL4-P Low Cost LVDT Indicator](#)



[AML/E Standard LVDT Displacement Sensor](#)



[PCC Portable Desktop Enclosure](#)



[AML/IE Industrial LVDT Displacement Sensor](#)