

Digital Panel Meter

N1540



N1540 digital panel meter works at fast sampling rate, which ensures high-performance indication and response to fast varying processes. With 5 digits for high-resolution variables and the 17mm height display, **N1540** provides clear view, making it easier for operators to read and diagnose from a distance. Both electronic robustness and anti-flame material enclosure comply with the main world-class approvals for industry devices.

EASY CONFIGURATION THROUGH USB

ABLE TO RETRANSMIT PROCESS VARIABLE

OTHER PANEL METERS



LOWEST DEPTH IN THE MARKET
Only 34 mm

Compact design to better fit panels or installations with space restrictions while improving the assembly and appearance.

N1540
34 mm



DETACHABLE TERMINAL BLOCKS

The convenience of unplugging the terminal blocks facilitates the installation, commissioning, and maintenance of the device.



Display	LED 7-segment, 5-digit, 17 mm height
Input Type	Thermocouples J, K, T, N, R, S, B, E, Pt100, 0-20 mA, 4-20 mA, 0-50 mV, 0-5 Vdc, 0-10 Vdc
Accuracy	Thermocouples J, K, T: 0.2% of span $\pm 1^\circ\text{C}$ Thermocouples N, R, S, B: 0.2% of span $\pm 3^\circ\text{C}$ Pt100, 0-20 mA, 4-20 mA, 0-5 Vdc, 0-10 Vdc: 0.2% of span
Sampling Rate	Up to 55 per second
Output Resolution	15 bits
Analog Output	0-20 mA or 4-20 mA (optional) - electrically isolated (accuracy 0.15% of span)
Output Resolution	12 bits
Alarm	Two alarms
Alarm Types	Minimum, maximum, minimum differential, maximum differential, differential out of range, sensor open
Auxiliary Power Supply	24 Vdc

Optional	Analog output (4-20 mA or 0-20 mA), 24 V power supply and RS485
Communication	RS485 Modbus RTU optional
Safety	Password protected configuration
Configuration Interface	USB type Mini B
Power Supply	100 to 240 Vac / Vdc ($\pm 10\%$) or 12 to 24 Vdc / 24 Vac (-10% / $+20\%$)
Maximum Consumption	6 VA
Dimensions	96 x 48 x 34 mm (1/8 DIN)
Front Panel	IP65 Polycarbonate (PC) UL94 V-2
Enclosure	IP30 PC UL94 V-2
Operating Conditions	0 to 50 °C, and 0 to 80% RH up to 30 °C
Approvals	CE, UL and cUL

20220830 - FL - N1540 - EN