

Universal Process Indicator

N1540



N1540 universal process indicator 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 INDICATORS



**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.

novus
We Measure, We Control, We Record



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 / cc ($\pm 10\%$) or 12 to 24 Vac / 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

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