Universal Process Indicator

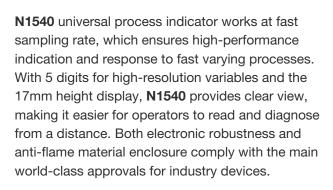## N1540

CONFIGURABLE
QuickTune

CE | cULus | RoHS | REACH COMPLIANCE | FRONT IP65 | CERTIFIED COMPANY ISO 9001:2015 | 3 YEARS WARRANTY | EXPORTED TO MORE THAN 60 COUNTRIES

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

4-20 mA

OTHER INDICATORS

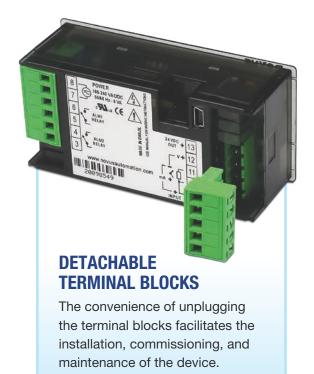**N1540**
34 mm

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.

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

PROTECTION AND SAFETY
Made of anti-flame material UL94 V-2

OPTIONS
4-20mA retransmission, 24 V power supply, and RS485

SOFTWARE CONFIGURABLE
NOVUS QuickTune free software (USB or RS485)

PASSWORD PROTECTION
Configuration protected by password

MEASUREMENT RELIABILITY
Minimum accuracy of 0.2% FS

QUALITY ASSURED
3-year warranty

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 ± 1 ° C Thermocouples N, R, S, B: 0.2% of span ± 3 ° 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 (± 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
Aprovals	CE, UL and cUL

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