8010 1/8 DIN
Indicator

- **Large four digit display available in green or red.**

- **Alarms can be latching or non latching.**

- **Two or three alarms available.**

- **Plug and Play Technology allows field upgrades.**

- **Dedicated configuration port allows configuration directly from PC for fast and repeatable configurations.**

NEMA 4

The 8010 is an 1/8 Din Indicator that provides good visible indication for almost all applications, and is available in either red or green.

This indicator also comes with several alarm strategies including latching and non-latching outputs. Relay output is standard with a second and third alarm possible. Each alarm has its own LED indicator for fast identification of alarms.

Configuration is simple, either through manual setup from the front panel or directly via a configuration port from a PC using dedicated West software. Unauthorized user can also be locked out of changing the alarm values and configuration parameters by a simple security code.

Our *Plug and Play* Technology allows you the ability to easily add to the indicators features including communication by simply installing additional plug-in boards. Inputs, Outputs, Alarms, and Communications are all field upgradeable! This capability also allows the user to pay for only the options that are required on todays applications.

This indicator can also be fitted for retransmission output, a transmitter power supply, 24V AC/DC input power, remote reset, and RS485 MODBUS communications making it one of the most flexible and powerful indicators available today.

WEST Brand
INSTRUMENTS

8010 Brief Specs:

Brief Specs:

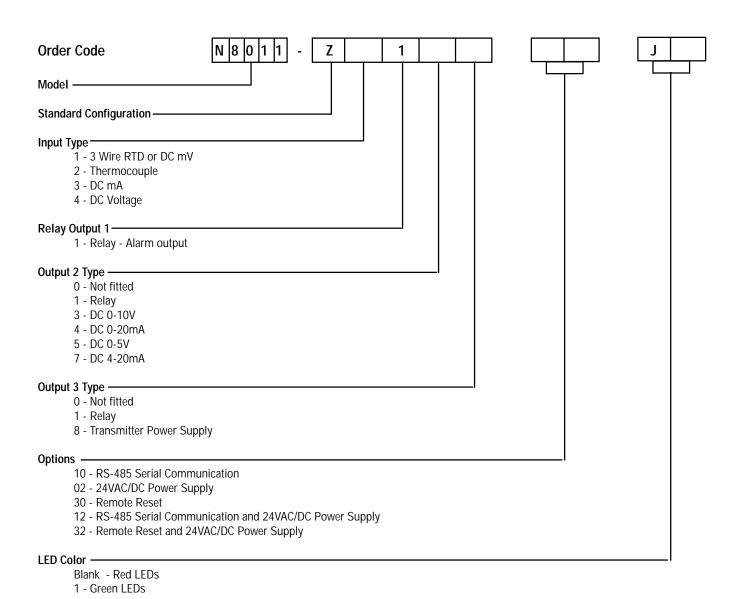| **Inputs:** | Thermocouple: | J, T, K, N, B, R, S, L |
	RTD:	Pt 100 3 Wire
	DC Linear:	mA=0-20, 4-20
		mV=0-50, 10-50
Output:	Alarm Output:	Relay- SPDT 2A at 120/240V AC
	Alarms Option:	2 alarms if two physical outputs are available
		2A 120/240V AC
	Communications:	RS-485 2 wire-MODBUS RTU
	Option	Baud Rate- 9600, 4800, 2400, 1200
Operating and:	Accuracy:	±0.25% of input span ±1 LSD
Environmental	Ambient Temperature:	0°C to 55°C (Operating)
		-20°C to 80°C (Storage)
	Supply Voltage:	90 to 264V AC 50/60Hz (Optional 20-50V AC 50/60 Hz, 22-65V DC)
	Power Consumption:	4W Maximum
	EMI Immunity:	Complies with BS EN 50082 Parts 1 (1992) and 2 (1995)
	EMI Emmissions:	Complies with BS EN 50081 Parts 1 (1992) and 2 (1994)
Dimensions and:	Panel Cut-Out:	1/8 DIN - 45mm X 92mm
Panel Cut Out	Unit Dimensions:	48mm High X 96mm Wide X 100mm Deep

8010 Order Matrix:

Order Code   N 8 0 1 1 - Z   1   J

Model

Standard Configuration

Input Type
1 - 3 Wire RTD or DC mV
2 - Thermocouple
3 - DC mA
4 - DC Voltage

Relay Output 1
1 - Relay - Alarm output

Output 2 Type
0 - Not fitted
1 - Relay
3 - DC 0-10V
4 - DC 0-20mA
5 - DC 0-5V
7 - DC 4-20mA

Output 3 Type
0 - Not fitted
1 - Relay
8 - Transmitter Power Supply

Options
10 - RS-485 Serial Communication
02 - 24VAC/DC Power Supply
30 - Remote Reset
12 - RS-485 Serial Communication and 24VAC/DC Power Supply
32 - Remote Reset and 24VAC/DC Power Supply

LED Color
Blank - Red LEDs
1 - Green LEDs

8010 Wiring Diagram and Notes:

Wiring Diagram:

Notes: