

Electronic indicator LIM N1540

Technical description

Characteristic

- bright 14 mm display
- universal output
- 2 alarm outputs 1,5 A/250 V
- auxiliary 24 V DC voltage source
- USB Interface for configuration and monitoring
- IP65 UL 94 V-2 front; IP20 UL 94V-0 enclosure
- programmable indicating range from -1999 to 9999
- password for configuration protection
- adjustable indication offset
- Recorded maximum HI and minimum LO values can be retrieved via keypad

Output

- TC: J, K, S, T, E, N, R, B
- RTD: Pt100
- current: (0 ÷ 20) mA, (4 ÷ 20) mA, (4 ÷ 20) mA (nonlinear)
- voltage: (0 ÷ 50) mV, (0 ÷ 5) V, (0 ÷ 10) V

Accuracy

- ±0,25% of range ±1 °C for: J, K, T, E
- ±0,25% of range ±3 °C for: N, R, S, B
- ±0,2% of range for: Pt100,
- ±0,2% of range for: (4 ÷ 20) mA, (0 ÷ 20) mA
- ±0,2% of range for: (0 ÷ 50) mV, (0 ÷ 5) V, (0 ÷ 10) V

Output I, II

- relay NO 1,5 A/250 V

Additional power source

24 V DC/20 mA (±10%)

Power source

- (100 ÷ 240) V AC/DC (±10%)
- (12 ÷ 24) V AC/DC
- 6 VA

Operating conditions

- temperature: (0 ÷ 50) °C
- humidity: (35 ÷ 80) % RH without condensation

Dimension [mm]

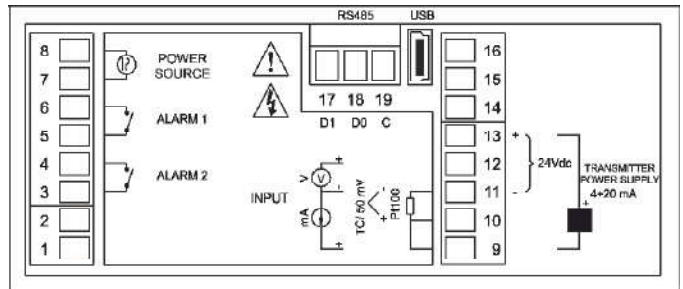
96x48x35; hole: 93x45,5

Additional options

- RS485 Modbus RTU serial communication



Wiring diagram



INDICATORS

H

Ordering code

Electronic indicator	LIM N1540 - ... - ...
Power source:	
(100 ÷ 240) V AC/DC	4
(12 ÷ 24) V AC/DC	5
Communication: none	0
RS485	1

Ordering example

Electronic indicator LIM N1540-4-0