

Programmable Indicator / Controller

MODEL: DIS14

- LINEAR mA & VOLTAGE INPUTS
- > TWO ON/OFF OR PULSE OUTPUTS
- > 4-DIGIT, 14 mm BRIGHT LED INDICATOR
- > FULLY PROGRAMMABLE PARAMETERS
- > AUXILIARY POWER SUPPLY FOR LOOP POWERED INSTRUMENTS

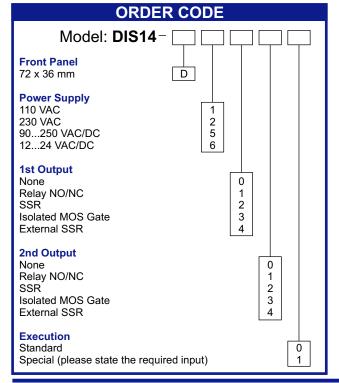


INTRODUCTION

Indumart DIS14 programmable Indicator/Controller is a stable, microprocessor-based device with very good accuracy, which can accept current and voltage inputs. It provides power for loop powered instruments, and can have two programmable relays providing ON/OFF control/alarm with or without pulse.

The value of the input to the DIS14 is indicated on a 14mm, 4-digit bright LED display and the status of outputs is shown by the two LEDs.

Configuration of the DIS14 can be performed via its front panel keys. The input type, range, offset value and alarm parameters are programmed by the user.



SPECIFICATIONS

Process Inputs

Current 4...20 mA or 0...20 mA 0...5 V or 0...10V Voltage 40 V max.; 100 mA max. **Other Linear Inputs**

(on request as special version) **Display Limit** -1999...9999 programmable

Decimal Position Programmable

Outputs

Relay 5A / 250 V; NO/NC contacts **MOS Gate** 0.1 A / 60 V; Optically Isolated

Solid State Relay (SSR) 0.2 A / 250 VAC Output for External SSR 12(24) V / 50 mA **Control Algorithm** ON/OFF, pulse mode

General

Accuracy 0.3% of span

Temperature Drift 0.02% of the span per 1°C

Display 4-digit LED

Digit Height 14 mm; High intensity **Alarm Indicators** 2 LEDs for two alarms

-1999 to 9999 **Display Range Keyboard Locking** Programmable **Power Supply** 110 VAC, 230 VAC 90...250 VAC/DC

12...24 VAC/DC

Power Consumption 1.5 VA maximum

Auxiliary Power Supply 3...11 VDC

-10...+65°C; 0 to 85% RH **Operating Condition**

Front Panel Sealing **IP65 ABS Case Material**

Front Dimensions 76 x 34 mm (W x H)

Mounting Depth 55 mm

Mounting In panel; Cutout 71 x 28 mm

Weight Approximately 150 g

Indumart reserves the right to change the specifications without prior notice.

