



SERIES: DIS300

- **4-DIGIT DISPLAY**
- **TWO ON/OFF OUTPUTS**
- **SEALED TO IP-65**
- **SPACE INSIDE OF THE CASE FOR TRANSMITTER MOUNTING**



INTRODUCTION

Indumart DIS300 Loop-powered Programmable Indicator/Controller is a cost effective solution for accurate display of 4-20 mA signals and 2-stage control of the process. The microprocessor-based circuitry equipped with digital filters provides stable readings with very good accuracy.

The input value is indicated on a 4-digit display and the configuration parameters are programmed via a two-key hidden keyboard. The decimal point and the display range of the input along with the contacts' parameters such as setpoints, hysteresis, direction of the alarms and their time delay can be programmed by the user.

The DIS300 is waterproof (IP-65) and very easy to install. It can be wall mounted or connected freely to an in-placed temperature, pressure, flow or level probe with a 4-20 mA output signal. If used as a temperature indicator, a standard in-head temperature transmitter can be mounted inside the indicator's case. Optionally, the indicator can be ordered with DIN rail clamp for rail mounting.

SPECIFICATIONS

General

Display	4-digit LCD, 14mm high
Display Range	-1999 to 9999
Decimal Position	User programmable
Loop Supply Voltage	3...36 VDC
Loop Voltage Drop	Less than 2.6 V
Loop Supply Current	2...50 mA
Accuracy	0.05% of span \pm 1 digit
Temperature Drift	0.005% of span for 1 °C
Environ. Protection	IP-65
Operating Condition	-10...+65 °C; 0 to 95% RH
Case Material	ABS
Mounting	Wall, Probe; DIN rail (option)
Dimensions	80x80x60 mm (WxHxD)
Weight	Approximately 200 g

Input

Input Type	DC Current
Operating Input	2.8...22.5 mA
Measuring Range	4...20 mA
Operating Range	3...22 mA

Outputs

Output Type	Transistor gate (open collector NPN)
Switching Current	100 mA maximum
Switching Voltage	40 VDC maximum
Adjustable Parameters	Setpoint, hysteresis direction and delay time

