

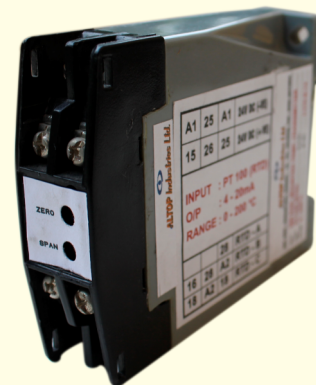
2 WIRE TEMP. TRANSMITTER FIX INPUT DIN RAIL MOUNTED



SERIES : ADT 6003

INTRODUCTION

Altop's Instruments Two-wire Transmitter Model ADT - 6003 is designed to provide 4-20mA DC output signal on the same two wires which carry 24v DC Power. An ideal choice for temperature measurements with RTDs. It Provide current output signal capable of driving load upto 650 Ohms. This eliminates need to run compensation cable for three core cable between the field and control room.



The Transmitter is factory calibrated for its Fix (Specified) Range. The output is linear with respect to temperature for inputs. with Zero and span setting the Range can vary + 20%

The Instrument is available in DIN RAIL Mounting. The module incorporate low drift precision operational amplifiers and the industrial grade components, burn in each of the module ensures a long trouble free operation.

SPECIFICATION

Model	: ADT - 6003
Temperature Range	: Please Specify
Accuracy	: $\pm (0.15\% \text{ of span})$
Maximum Load	: $RL (\text{max}) = (V_{cc} - 12) / 0.02 (\text{Ohm})$
Input	: RTD, Pt. 100
Output	: 4-20 mA (250 ohms)
Humidity	: 90% RH (non condensing)
Enclosure	: DIN RAIL Mounted
Dimensions	: 22.75mm x 75mm x 96mm
Power Supply	: 12 to 35V dc. Across the transmitter Where : Vdc=Power supply voltage
Polarity Inversion	: Internal Protection

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PROCESS CONTROL INSTRUMENTATION

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