

ZT503 RPM INDICATOR / CONTROLLER

Introduction

Ztech's Digital RPM indicator model ZT503 is designed to indicate process parameters like RPM / MPM / Length as per the process requirement for various applications. It can display the process value with the resolution of maximum 4 or 5 (optional) digits. The range is selectable from -1999 to 9999 scale with selectable decimal resolution. It can generate max four relay output (on/off) for various application with hi/lo selection. The hysteresis is programmable throughout the range. It can generate analog output as retransmission & give computer connectivity port on Modbus protocol or GSM connectivity as an optional feature. They are very reliable, accurate employing the latest technology. They undergo stringent tests to assure quality performance.

Features

Input	: PNP, NPN, Magnetic pick up, and frequency.
Display	: 4 digit 12.5mm size super bright red/green LED (5 digit 12.5mm size optionally) : 8 digit single lines back lit LCD display (For length counter)
Output	: Max 4 relay contacts of 5Amp/230Vac contact rating
Teeth Ratio	: programmable,
Transmitter Power	: 12VDC/24VDC
Analog Output	: 4- 20mAdc opto & Galvanic isolated retransmission.
Com port	: RS232 / RS485 Modbus RTU or GSM connectivity
Accuracy	: +/-0.2% of span
Power	: 110V / 230V selectable or 90 to 260 VAC-DC & 24Vdc
Weight	: 500 to 900 gms. (As per the model)
Enclosure	: ABS plastic moulded, Weather proof, Flame Proof
Dimension	: 96(W) * 96(H) * 110mm, 96(W) * 48(H) * 110mm
Mounting	: Panel

Product Information

ZT503-XXXXXX (6 Digit Code)

Option 1:Input Signal

- 0 - PNP
- 1 - NPN
- 2 - User Define

Option 2:Power

- 0 - 90 to 260 VAC
- 1 - 24 VDC
- 2 - User Define

Option 3:Digital Output

- 0 - No relay
- 1 - Two relay
- 2 - Four relay

Option 4:Analog Output

- 0 - None
- 1 - 4 - 20mAdc isolated

Option 5:Communication Output

- 0 - None
- 1 - RS485 Modbus RTU
- 2 - GPRS/GSM Connectivity

Option 8:Dimension

- 0 - 96(W) * 48(H) * 95(D)mm
- 1 - 96(W) * 96(H) * 95(D)mm
- 2 - Weather proof Sheet metal box
- 3 - Flame proof class IIA IIB without Push Button 2" Pipe Mounted(054 Drawing)
- 4 - Flame proof class IIA IIB with Push Button Wall Mounted(061 Drawing)
- 5 - Flame proof class IIA IIB without Push Button 2" Pipe Mounted
- 6 - Flame proof class IIA IIB Wall Mounted
- 7 - Special Enclosure

