

Weight Scale indicator/controller

ZT518

ZT518 Weight Scale indicator/controller

Introduction

ZT518-Weight Scale indicator/controller is an advanced, high quality general purpose weighing indicator for industry for platform, truck and hopper scales among other applications and is available with a wide range of options. ZT518-Weight Scale indicator/controller having Weighing, dynamic weighing for animals and fluctuating loads, check-weighing in round up steps. ZT518 having 5 digit display with range -1999 to 99999 with Panel mount enclosure and having 4 Alarm contact.

Features

Input	: 0 -3mV
Display Range	: -1999 to 99999
High Accuracy	: 0.1% of Span (Linear),0.25% of Span(Non Linear)
Excitation Voltage	: 5VDC/10VDC
Power	: 90-260VAC,24VDC
Ambient Temperature Range	: 0 To 55 °C (For Integral Flow Meter)
Ambient Humidity Range	: 5 To 95 % Rh (Non-Condensing)
Weight	: 500 to 900 gms.
Enclosure	: ABS plastic molded, Weather / Flame Proof
Protection	: IP65
Dimension	: 96(W) * 48(H) * 95(D)mm,96(W) * 48(H) * 95(D)mm
Mounting	: Panel

Configuration Functions/Parameters

Configuration Data	: 4 Tactile Membrane Keys for Data Configuration
Indication	: Alarm /Communication Indication
Message	: Error Message

Output

Retransmission	: 4-20mA (Opto & Galvanic Isolated) (600 Ohms Loading Capacity) 0-10V DC(Opto & Galvanic Isolated) (600 Ohms Loading Capacity)
Control Alarm Relay	: Max 4 Relay (5A/230VAC)
Communications	: RS 485
Compatible with GPRS /GPS	: Yes

Special Function (Optional)

- Tare Front Facility
- Weighing
- Dynamic weighing for animals and fluctuating loads
- Check-weighing in round up steps
- Alarm output Hi/Lo, fail safe, with programmable hysteresis.
- All calibration/configuration can be done from front keys
- PC/GSM connectivity with SCADA software.
- Input sensor fail output upscale/downscale user define from front keys.

Application

Weighing



Weight Scale indicator/controller

ZT518

Ordering Code

ZT517-XXXXXXXXXX (10 Digit Code)

Option 1:Input Signal

- 0 – 0-30mV
- 1 – User Define

Option 2:Power

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

Option 3:Digital Output

- 0 - No relay
- 1 - One relay
- 2 - Two relay
- 3 - Three relay
- 4 - Four relay

Option 4:Analog Output

- 0 - None
- 1 - 4 – 20mAdc isolated (Single O/P)
- 2 - 0-10Vdc isolated (Single O/P)

Option 5:Communication Output

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

Option 6:No.'s of Digit

- 0 – Digit Display

Option 7:Display Size

- 0 – 0.56"Seven Segment Digit(Normal Display)
- 1 – 0.8" Seven Segment Digit
- 2 – 1.8" Seven Segment Display
- 3 – 2.3" Seven Segment Display
- 4 – 4.0" Seven Segment Display
- 5 – 6.0" Seven Segment Display
- 6 – 8.0" Seven Segment Display
- 7 – 4.0" Outdoor LED Display
- 8 – 6.0" Outdoor LED Display
- 9 – User Define Indoor/Outdoor LED/Seven segment Display

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

Option 9:(X)

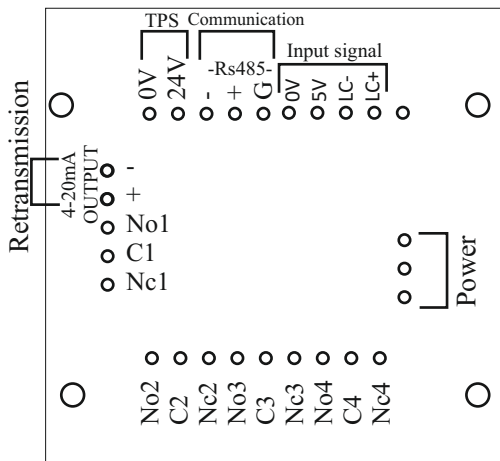
- 0 – None

Option 10:(X)

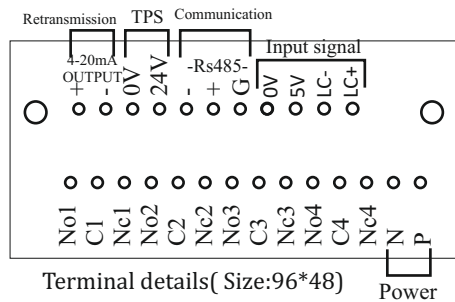
- 0 – None

Terminal Details:

Universal Input:

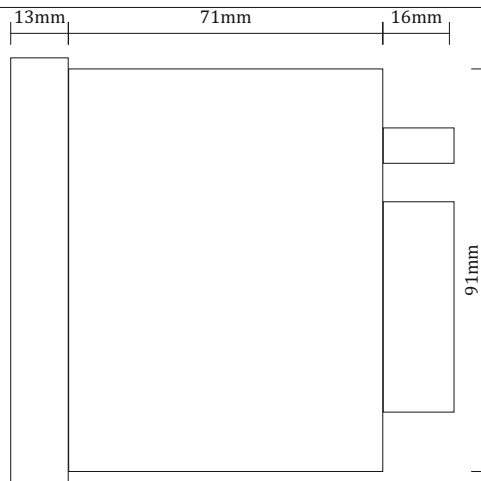
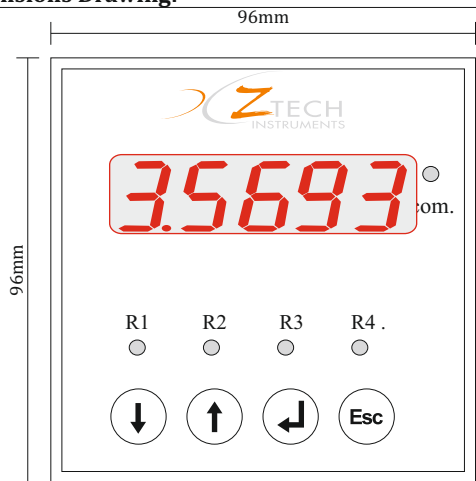


Terminal details(Size:96*96)



Terminal details(Size:96*48)

Dimensions Drawing:



Dimensions Drawing: Size:96*96