
Weight Indicator: SMIT-3015



This is a microcontroller based Indicator unit. It is highly versatile, accurate and different from the conventional indicators. It displays analog signal (mV) input from the Loadcell into engineering values. With the help of the keypad and display, unit allows to set and modify various configuration parameters and calibration.

Features:

- On board 24-bit ADC is provided for Digitizing Analog Input.
- Filtering: Analog & Digital
- Sampling speed: 15 readings/second
- Power Supply: 24 VDC
- Input: 4-wire Load cell, Up to Four Single Load cell with 300 Ohms Resistor
- Remote input for GROSS/NET, TARE and Zero functions
- Display: 5-digit 7-segment 0.56" Red LED
- Decimal position: Selectable.
- Key board: Four keys membrane like
- Programmable Parameters:
 - Decimal Point, Capacity, Display Resolution, Grad, Zero Track Band, Zero Range
- Configuration Data are stored in serial NVRAM, Battery back-up not required
- Calibration through software (Offset: 'Z' & Span: 'S' stored in NVRAM)
- Optional:
 - Serial Port for communication with the remote display/Printer/Computer using RS-485/RS-232
 - Outputs:
 - One Digital output (opto isolator)
 - Retransmission: 4-20 mA/0-10V Proportional indicated weight
 - Two Control Relay (Batching or Alarm)
- Enclosure: Plastic, General Purpose, Panel Mounting type
- Dimension:
 - Outer: 96 mm (W) x 48 mm (H) x 110 mm (D)
 - Cut-out: 92 mm (W) x 44 mm (H)

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Ordering Code

Model	Input Type		Digital Input		Serial Interface		Relay		Relay type		Software		Analog O/P	
3015	X		XX		XX		XX		XX		XX		XX	
	1	Load cell	N	None	N	None	N	None	N	None	S1	Standard	N	None
			Y	Yes	C1	RS232	R1	1 relay	T1	Batching	S2	Special*	A1	4-20 mA
					C2	RS485	R2	2 relay	T2	Alarm			A2	0-10 VDC

X – Specify from Table

* - Customized software

Example: SMIT 3015 with Digital Input, MODBUS RS232, 2 Alarm relays, 4-20 mA output with standard software

→ Ordering code: SMIT 3015: Y-C1-R2-T2-S1-A1



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