

FLINTEC FT-11D DIGITAL WEIGHT DISPLAY



DESCRIPTION

The FT-11D Weight Indicator is a digital version in the FT-Indicator family, specifically designed to be connected to RC3D loadcells.

The instrument is approved by NMI for trade use in Accuracy Class III applications with up to 10 000 intervals.

A large (20mm) 6-digit red LED weight display shows the weight status information. A tactile 8-key keyboard allows for basic scale functions.

With a variety of interface options the FT-11 is the perfect fit to digital weighing systems such as weighbridges with indicator and PC.

ACCESSORIES

- Wall Mounting Kit and Stand Mounting Kit for Desk Type Housing
- Stand mounting kit for stainless steel housing

KEY FEATURES

- NMI Approval for 10,000 Intervals
- Single or Dual Range
- RC3D Connection
- Easy Installation Due to Automatic Corner Adjustment
- Serial Interface RS-232C
- Conversion Rate Maximum 100 Times/Second
- Integrated Power Supply

OPTIONS

- Alibi Memory (Up to 149,760 Records)
- Second Serial Interface RS-232C
- Third Serial Interface RS-485 and Modbus RTU
- Isolated Digital Inputs and Outputs

SPECIFICATIONS

PERFORMANCE	
Display	6-Digit, 7-Segment, Red LED, 20mm High
Status Annunciators	Gross, Net, Motion, Zero, Weighing Range, Information, Power, Unit
Display Resolution	Up to 100,000 Divisions (Single Range), Up to 6,000 Divisions (Dual Range)
Update Rate	250ms
DIGITAL	
Setup and Calibration	Calibration is Performed by Application of Test Masses
Digital Filter	5-Step Adjustable Digital Adaptive Filter
Weighing Functions	Tare, Zero, Auto Zero Tracking, Motion Detector, Power on Zero
Other Functions	Label Number, Total, Gross, Tare Indication
Setpoints	3-Setpoints, Programmable (Needs Digital I/O Option)
Tilting	Inhibits Weighing When Scale is Tilted (Needs Digital I/O Option)
Alibi Memory	Optionally Available, 74,880 Records or 149,760 Records
DIGITAL LOADCELL INTERFACE	
Communication	RS-485 Half-Duplex, Compatible with RC3D Loadcell
Excitation	12VDC Maximum, 450mA
Number of Loadcells	Up to 10 Digital Loadcells (Internal Power) or 16 Digital Loadcells (External Power) in Parallel
Connection	Four Wires (Two Wires for Digital Interface and Two Wires for Power Supply)
SERIAL COMMS	
Serial Outputs	RS-232C, 1,200 to 57,600 Baud, Programmable
Continuous Mode Update	100ms
Option Board Update Rate	40ms
ENVIRONMENT	
Operating Temperature	-10°C to +40°C for Trade Use, 85% RH Maximum, Non-Condensing
Enclosure	Aluminium Desk Type (IP-30) or Stainless Steel Housing (IP-65)

	DESK MOUNT	STAINLESS STEEL
POWER SUPPLY		
230VAC, 50/60Hz, Max. 12VA	✓	✓
OPTION FOR ADDITIONAL INPUTS/OUTPUTS (Maximum of One Option per Instrument)		
Second Serial Interface (RS-232)	×	+
Second Serial Interface (RS-232) and Third Serial interface (RS-232/RS-485 / Modbus RTU)	×	+
3 x Isolated Digital Inputs (24V) and 3 x Isolated Digital Outputs (Open Collector)	×	+
ADDITIONAL MECHANICAL HARDWARE		
Wall Mount Kit	+	✓
Stand Mount Kit	+	+

✓ Available as Standard

+ Available as Option

× Not Available

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