





The FT-04 Process Indicator is a very accurate, versatile, panel mount instrument.

The instrument is approved by Weights & Measures Authorities for use in Accuracy Class III applications with up to 10000 increments (e) according to OIML R 76.

Large 6 digit LED weight display (red, 14 mm) with weight status information minus, net, zero, motion, out of range and error

Tactile 6 keys keyboard for various functions (sum, zero, tare, print and other function activation keys).

Two set points are available.

Important Features

- Approved for 10000 increments.
- Single or dual scale interval.
- Internal resolution 550000 counts.
- Serial interface RS232C.
- Set points (2x) available.
- Alibi memory for 10000 records.

Option

 Second communication port RS485A and Analogue output, current or voltage.

Accessory

• Front cover IP 65.

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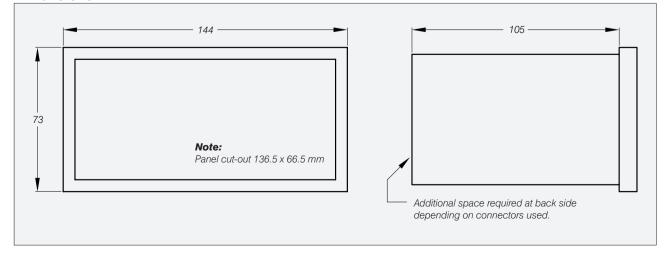
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FT-04 Specifications

FT-04 Specifications			
ACCURACY			
Accuracy Class			
EU Type approved	10000 increments		
DISPLAY AND KEYBOARD			
Display	6 digits, 7 segments, LED red, 14 mm high		
Status annunciators	Motion, tare, net, minus sign, zero		
Keyboard	6-key membrane, with tactile feedback		
Decimal point	Between any digit of the display		
Weight display digits	6		
A/D CONVERTER	·		
Type	Sigma-Delta ratiometric with integral analogue and digital filters		
Conversion rate	3 to 70 measurements per second		
Minimum input per vsi	0.4 μV per interval legal for trade, 0.1 μV per interval non approved		
Analogue input range	-0.25 mV/V to 4 mV/V (-1.25 mV to 20 mV)		
Resolution	Internal 550000 counts, display 100000 per mV/V input		
SCALE CALIBRATION AND FUI	NCTIONS		
Calibration	Calibration may be performed by application of weights or by the mV/V value of the load cell		
Weighing functions	Auto zero maintenance, motion detection, auto-zero at power-up, zero, tare, gross, test		
Set Points	2 Set points, transistor output, optoisolated, 24 V DC, 100 mA		
Input	24 V, optoisolated.		
Alibi memory and RTC	Alibi memory for 10000 records and real time clock.		
LINEARITY AND STABILITY			
Linearity	Within 0.002 %		
Long term stability	≤ 0.005% of full scale per year		
Temperature coefficient	Zero ≤ 2 ppm/°C (switched polarity), Span ≤ 2 ppm/°C		
LOAD CELLS	2010 2 2 ppnii/ 0 (omionod polianty), opair 2 2 ppnii/ 0		
Excitation	+5 V DC or +5 V DC switched polarity		
Number of load cells	Up to 30 load cells 1100 Ω		
Connection	6 wire technique		
COMMUNICATION	o mio todiniquo		
Port #1	RS232C, 2400 baud		
POWER	1102020, 2400 baaa		
Power requirements	24 V DC		
ENVIRONMENT AND ENCLOSE			
EMC	According to OIML R 76 and EN 45501 requirements		
Operating temperature	−10 °C to +40 °C legal for trade / −20 °C to +50 °C non approved		
Storage temperature	-10 °C to +70 °C		
Humidity	90% RH max, non condensing		
Enclosure	Panel mount, protection IP 54		
OPTION	Taner mount, protection if 54		
Port #2 and	RS485A half duplex, baudrate 2400 to 57600		
FUIT #2 allu	Baudrate, data bits, parity and data output are progammable		
	(Continious output, remote printer, EDP and master-slave protocols)		
Analogue output	Current or voltage, resolution 16 bit Full Scale		
ACCESSORY			
Front cover IP 65			

Dimensions



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