

# LCT6-RPA0101 Analog Weight Transmitter



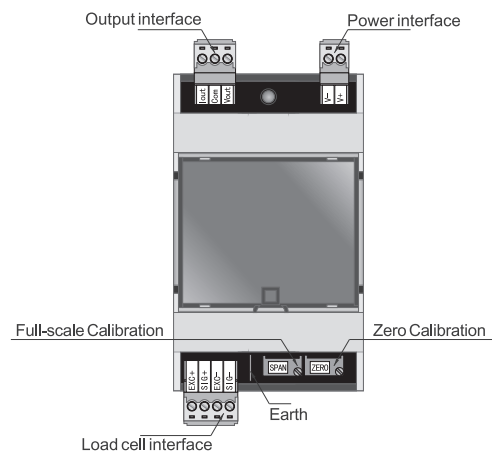
## DESCRIPTION

Designed for simple weight and force measurement applications and can be connected to any PLC with an analog input card. Units are dc powered (15V to 30V) and provide a precise 10Vdc excitation voltage for up to four 350 ohm load cells. Simple output adjustment is accomplished using SPAN and ZERO trim pots. Typical applications include bin / hopper level monitoring, safety systems and PLC batching systems. ABS plastic enclosure is designed to fit an EN 50022 top hat rail. All electrical connections are secured with screw terminals.

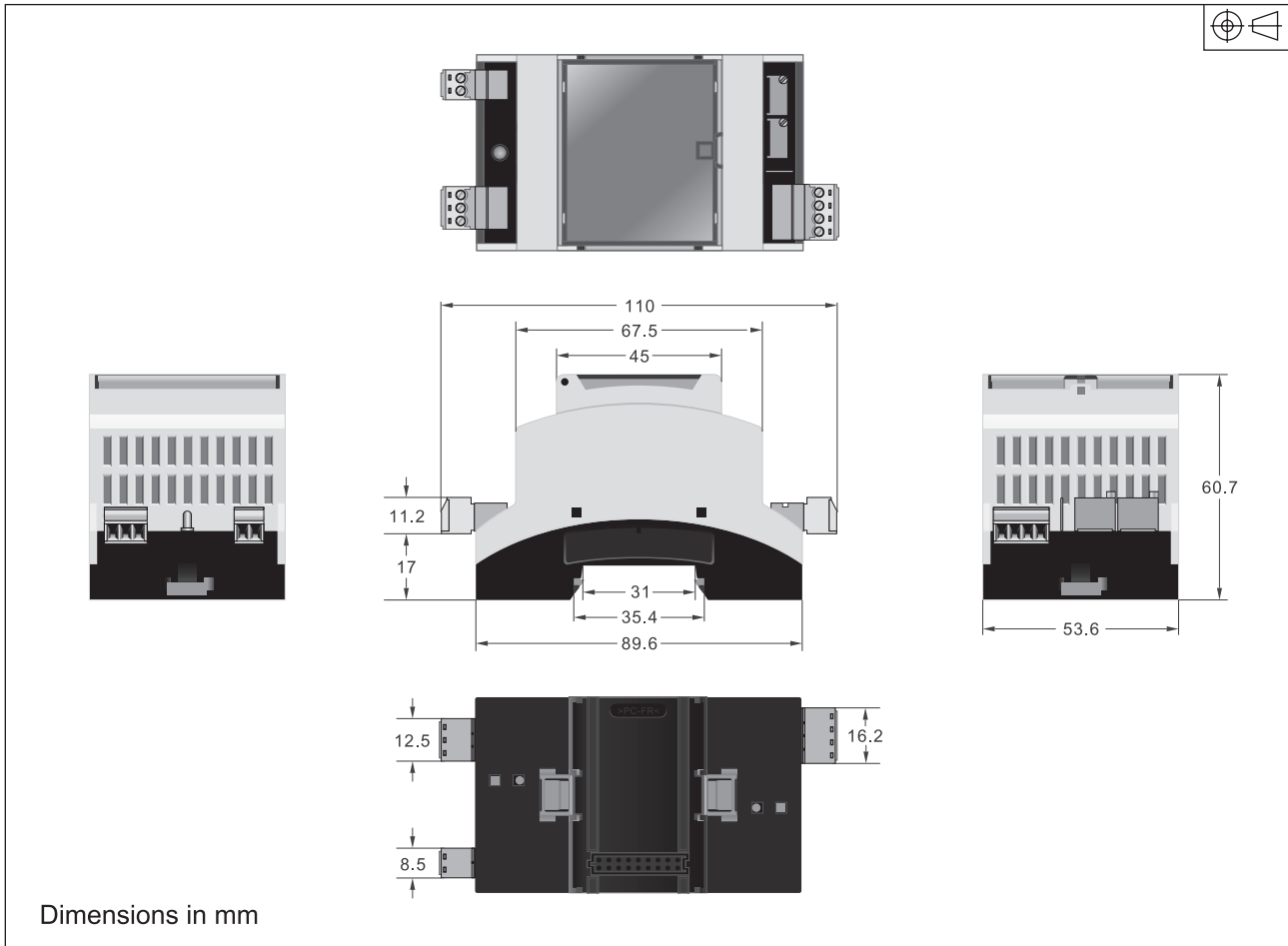
## Features

- Regulated 10Vdc excitation drives up to 4 load cells
- 0-10Vdc or 4-20mA analog output
- Independent ZERO and SPAN adjustments
- DIN rail "snap track" mounting
- All terminals are removable for installation in tight spots

## Interface



## Dimensions



## Specifications

Input Signal on full-scale: 30 mV	Current Output: 4 ~ 20 mA
Minimum Sensitivity: 0.4 $\mu$ V per division	Best Voltage Range: 15V DC ~ 30V DC
Input Impedance: 30 M ohm	Operating Temperature: -10°C to + 40°C
Resolution: 1/4096	Storage Temperature: -25°C to + 70°C
System Linearity: 0.02%	Load Resistance: 250 $\Omega$ (used by 4~20 mA output )
L/C Excitation Voltage: +10V DC , 4 X 350 $\Omega$ load cell	Calibration Mode: Potentiometer adjustment at zero and full-scale
Output Voltage: 0 ~ 10V DC	Dimensions: 110mm×53.6mm×60.7mm