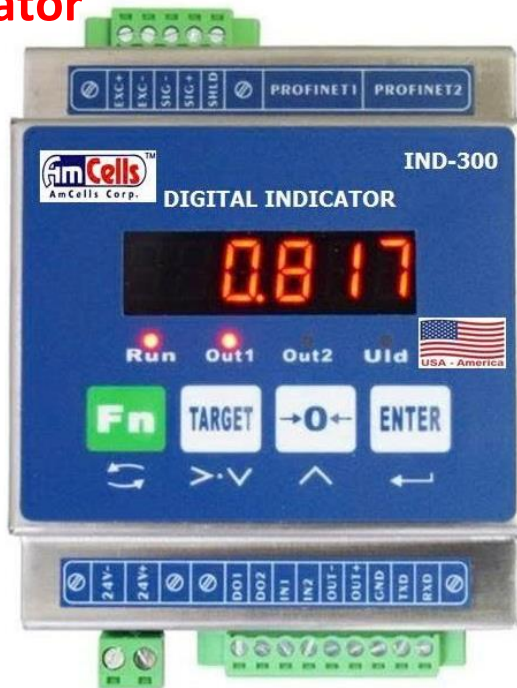


Type IND-300 Indicator



PROFINET Modbus-TCP Modbus-RTU

TCP/IP ANALOG OUTPUT RS485/RS232 PA CE

IP67 UK CA CE RoHS Compliant

Short Description

- Supports weighing systems of 1 to 16 load cells
- Fast speed, high accuracy $\Sigma - \Delta$ A/D conversion technology
- Special anti-vibration software technology
- can be used for packing scales, proportion scales, screening scales, stabilization control devices for upper and lower limits control etc
- aluminum alloy shell housing /Stainless steel corrosion-resistant panel, all-metal shielded housing

OIML Test certificate no. R76/2006-CN1-09.21

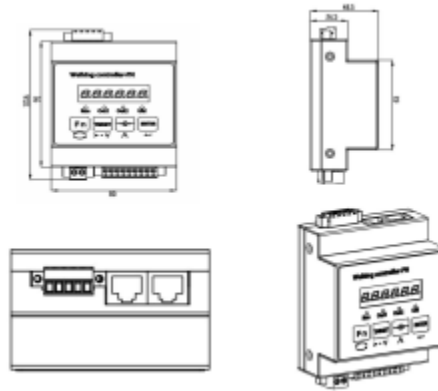
Available Models

P/N	Model	Amount of Connections	Full Article Description
78130310-000	IND-300-ANA	1-16	IND-300-000 (OIML)
78130310-001	IND-300-PN		
78130310-002	IND-300-TCP		

Type IND-300 Indicator

Main Technical Index IND-300 (External dimensions)

The IND-300-PN weight transmitter controller is a PROFINET protocol transmitter designed for industrial control. It integrates weight display, PROFINET interface, large-screen communication, digital input, and transistor output. It employs a high-speed 24-bit Σ - Δ A/D converter, and the interface is opto-isolated. Taking into full account the complexity of electromagnetic interference in industrial environments, its hardware and software are meticulously designed, making it suitable for applications in industries such as building materials, chemicals, food processing, and metallurgy.



Type IND-300 Indicator

Product Features IND-300

- Embedded EMC interference suppression circuitry provides strong electromagnetic interference resistance, suitable for industrial applications.
- GSD files and configuration instructions for Siemens PLC S7-200 and S7-1200 are provided.
- 24-bit delta-type ADC, maximum sensitivity 0.1uV/d.
- Maximum AD rate 200 cycles, maximum stable internal code 540,000.
- Large screen interface options: 20mA current loop and RS232.
- Supports PC-based calibration, zeroing, tare, batching start/stop, and other control operations.
- Transistor outputs: sorting, setpoint, quantitative, decrementing, batching, peak load modes, etc.
- Number of transistors and switches: 2 transistor outputs and 2 switch inputs.
- Excitation voltage: 5.0VDC, capable of driving 6 350 analog sensors.
- Stainless steel corrosion-resistant panel, all-metal shielded housing.

Type IND-300 Indicator

Technical Specifications IND-300

IND-300 (Option:)	Standard:
	1. RS232/RS485(switch)
	2. 2 Input 2 Output I/O
	2. Analog output
	3.Modbus TCP + RS232/RS485(switch)
	4. Modbus TCP/Profinet/Ethernet IP/EtherCAT/CCLink IE
Power supply and working environment	Switching power supply: DC19.2~28.8V
	Operating temperature: -20°C~50°C
	Humidity: 10%~95%, non-condensing
	Storage temperature: -30°C~60°C
	Humidity: 10%~95%, non-condensing
	Power consumption: 6 watts
Display and Key	Weight display: 6-digit digital tube, 6 LED indicator lights
	Function buttons: 4 touch buttons
Measurement parameters	A/D Conversion Method: 24-bit Σ - Δ Analog-Digit
	A/D Conversion Speed: Up to 200 conversions/second
	Nonlinearity: Better than 0.01%FS
	Maximum Sensitivity: 0.6uV/d
	Full-Scale Temperature Coefficient: 5PPM/°C
	Zero-Point Temperature Drift: 0.06uV/°C
	Signal Range: 1.5~40mV
	Zero-Point Signal Range: -40~38.5mV
Transistor Contact Capacity: 5A/250VAC, 5A/30VDC	
Excitation Voltage: 5.0VDC, capable of driving 6 350-ohm analog sensors	