

# EI-4000

## Multi-channel Indicator



### Features

- Simple, easy to use pushbutton interface
- 2-line 16 character backlit LCD
- Field programmable
- NEMA 4X enclosure
- On-board diagnostics
- RS-232, RS-485, Modbus RTU standard

EI-4000

### Description

The Eagle Microsystems EI-4000 is a precision multi channel indicator intended to provide many advanced features while providing cost savings through the use of a single indicator for multiple scales.

The instrument provides a 2 line 16 character display manipulated through a simple user-friendly 4 pushbutton interface. Amount used, amount remaining, gross weight, tare weight, net remaining, daily usage, rate of feed, and days until empty are all displayed and tracked by the indicator. Daily usage over the last 31 days is also available. A total of four scales can be monitored by this indicator with four 4-20 mA dc outputs provided, one for each scale.

The EI-4000 can also be provided in a tank level management configuration, allowing automatic refill of tanks and other containers. This indicator can also be used to monitor other scale systems, permitting the use of its features with instruments that may not share them.

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# EI-4000

## Multi-channel Indicator

Specifications	
Input	Up to 16 350 ohm load cells
Input range	-0.4 to 3.3 mV/V
Input contact closures	1
Analog output	4 4-20 mA dc 500 ohms
Digital output	RS-232, RS-485, Modbus RTU
Discrete I/O	4 alarm relays, 3A @ 250 V ac, 3A @ 32 V dc
Display	2 line 16 character backlit LCD
Operator interface	4 tactile pushbutton
Operational temperature range	14°-122° F, -10°- 40° C
Power Requirement	110/230 V ac 50/60 Hz switchable
Power consumption	12 W
Memory	Flash ROM/EEPROM
Logging	Daily use over 30 days
Options	
Additional relays	Up to 8 additional
Tank management configuration	
Profibus communication	



\*Optional tank level management configuration



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