



## Attachable Loop Powered Digital Indicator Type A-AI.1

### Tronic

(Previous model number 907.15.507)

- 4-20 mA 2-wire loop powered display
- Fits Type S-10, S-11, and ECO-Tronic transmitters
- User-programmable 0.4" LCD display

The WIKAI loop powered attachable digital indicator is designed for use with the 4 pin DIN 43650 "L" plug supplied with Tronic Line Industrial and Eco-Tronic 4-20 mA output pressure transmitters. The indicator is user-programmable for a display range of -1999 to +9999. The 0.4 inch LCD readout can be tilted for improved viewing. User-adjustable digital filtering improves readability during rapid pressure changes. All set up data is stored in an E<sup>2</sup>PROM so in the event of a power failure reprogramming is unnecessary. The indicator meets IP 65 weather protection requirements, and is supplied with a DIN 43650 1/2" female conduit connector, retaining screw, and gasket.

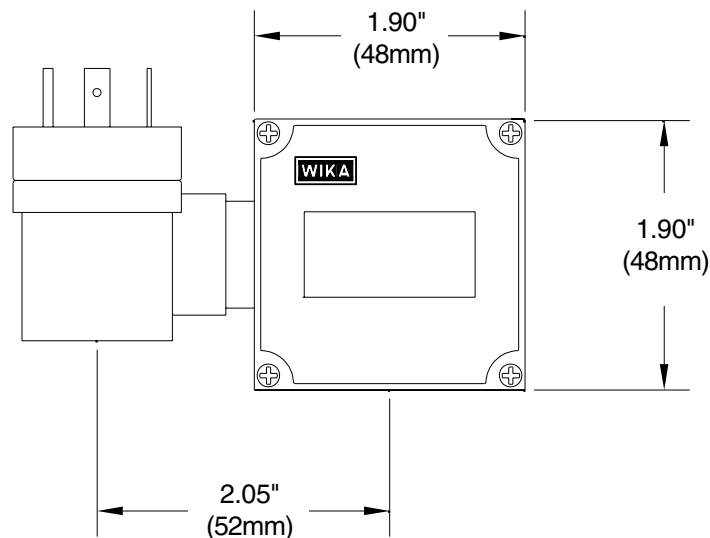


Display installed on ECO-Tronic transmitter



Display installed on Type S-10 or S-11 transmitter

### Dimensions



**APE A-AI.1**  
(APE 82.11)

## Specifications:

### Display

Type: 0.4" high LCD  
Programmable display range: -1999 to +9999

### Accuracy

≤ 0.2% of span

### Programmable Range

4-20 mA can be assigned any display value within the display range. Both scaling points are individually adjustable using push buttons inside the case.

### Power

Loop powered - no additional power supply required  
Voltage drop: 3 VDC  
Maximum current rating: 60 mA

### Environmental

Operating temperature: +32 to +122°F (0 to 50°C)  
Storage temperature: -22 to +176°F (-30 to +80°C)  
Temperature effects: 0.1% of span per 18°F (10°C)  
Humidity: <90%, non-condensing

### CE Conformity

Interference emission per EN 50 081-1  
Interference immunity per EN 50 082-2

### Construction

Case: ABS plastic  
Viewing window: polycarbonate

### Dimensions (inches)

1.9 x 1.9 x 1.4 deep

### Weight

Approx. 3 oz.

## Programming Instructions:

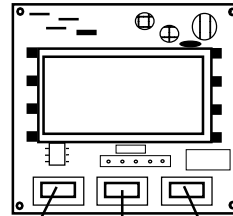
- 1.) Remove four cover screws and remove cover.
- 2.) Press the "P" Key. Display shows "dP".
- 3.) Press the "Up" or "Down" key to select the desired decimal place position.
- 4.) Press the "P" key twice. Display shows "An 4".
- 5.) Press the "Up" or "Down" key to set display to zero or other 4 mA display point.
- 6.) Press the "P" key twice. Display shows "An20".
- 7.) Press the "Up" or "Down" key to set the maximum range of the transmitter.
- 8.) Press the "P" Key twice. Display shows "LI".
- 9.) Press the "Up" key to activate error code display (display shows "1") or the down key to disable error codes (display shows "0").

Error codes: under range: Display shows "F1"  
over range: Display shows "F2"

- 10.) Press the "P" key. Display shows "FILt". A digital filter is available to improve the readability of the display for applications undergoing rapid pressure changes. To set the digital filtering, press the "up" or "down" key to adjust the update rate of the display:

Display	Time delay
" 0"	0.2 s
" 1"	0.5 s
" 2"	1.0 s
" 3"	1.5 s

- 11.) Press the "P" key to return to the display mode.



Down Key P Key Up Key

Display with cover removed

## THE MEASURE OF Total Performance™

### Ordering Information:

State computer part number (if available) / type number / options required.

Specifications given in this data sheet represent the state of engineering at the time of printing. Modifications may take place and the specified materials may change without prior notice

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### WIKAI Instrument Corporation

1000 Wiegand Boulevard

Lawrenceville, Georgia 30043-5868

Tel: 770-513-8200 Fax: 770-277-2641

<http://www.wika.com> e-mail: [Tronic@wika.com](mailto:Tronic@wika.com)