

Meters & Displays

Type A-AI-1

- **Attachable Loop Powered Digital Indicator**
- **Fits Type S-10, S-11 and ECO-Tronic Transmitters**
- **User-Programmable 0.4" LCD Display**



Display installed on ECO-Tronic transmitter

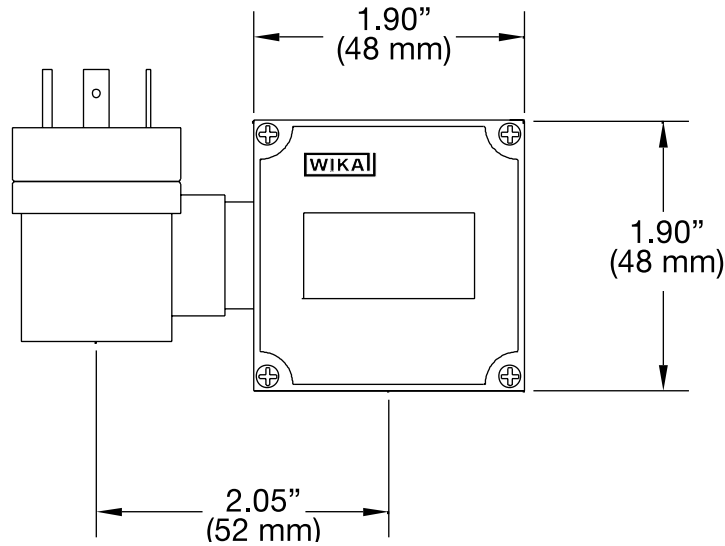
Display installed on Type S-10 or S-11 transmitter

The WIKA 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. User-adjustable digital filtering improves readability during rapid pressure changes. All set up data is stored in an E²PROM so in the event of a power failure reprogramming is unnecessary.

Specifications	Type A-AI-1
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.

Datasheet: A-AI.1

Dimensions

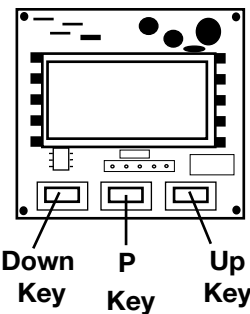


Programming instructions

- 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 twice. 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.



Display with cover removed