



AT4 Four-Wire Resistive For Small Form Factor Applications

Elo AT4 four-wire resistive touchscreens are the cost-effective touch solution for small form factor applications while providing reliability, low power consumption, and narrow border width. The AT4 touchscreens enable broad input flexibility, with finger, gloved hand, or stylus activation, and it's the ideal touch solution for portable devices, office automation, light industrial automation, medical equipment, and consumer products. The AT4 four-wire resistive touchscreens are another quality product from Tyco Electronics' Elo TouchSystems business, the complete touch solutions provider.

Benefits

- Cost-effective
- Low power consumption
- Narrow border width
- Broad input flexibility

Applications

- Portable devices
- Office automation
- Light industrial automation
- Medical equipment
- Consumer products

AT4 Four-Wire Resistive Specifications

MECHANICAL

Input Method	Finger, gloved hand, or stylus activation
Available Sizes	5.7" to 10.4"; visit our Web site for full specifications and other offerings

ELECTRICAL

Positional Accuracy	1.5% or less
Resolution	Touchpoint density is based on controller resolution of 4096 x 4096
Touch Activation Force	Typically 80 grams
Controller	Board: Serial (RS232) and USB Chip: Serial (RS232) and USB

OPTICAL

Light Transmission	78% or more
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ENVIRONMENTAL

Temperature	Operating: 0°C to 50°C Storage: -20°C to 70°C
Relative Humidity	Operating: 0°C to 50°C, 70% RH or lower, noncondensing Storage: -20°C to 70°C, 90% RH or lower, noncondensing
Altitude	Operating: 10,000 ft (3,048 m) Storage: 50,000 ft (15,240 m)
Agency Approvals	UL, TÜV
Sealability	Can be sealed to meet NEMA 4 and 12 and IP65 standards

DURABILITY

Surface Durability	3H per JIS K5400
Expected Life	Operationally tested to 1 million touches in one location without failure
Warranty	Touchscreen: 1-year limited warranty Controller: 5-year limited warranty



2216 combo controller board



COACH III combo controller chip

Find out more about the extensive range of Elo touch solutions. Go to www.elotouch.eu or simply call the office nearest you.

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