

A versatile, short-depth LCD indicator which is powered from the 4–20mA current loop input signal.

- › **Versatile instrument**
Commonly used 4–20mA DC input signal, for a wide variety of process applications including flow, level, pressure, temperature, and more
- › **Loop powered**
No power supply required!
- › **Easy to install**
Compact short-depth case for easy mounting
- › **Easy to calibrate from the front panel**
- › **Easy to scale** Using low and high display values



- › **Low cost, high accuracy**
- › **Weatherproof**
- › **Easy-to-read LCD display**
Displays up to 50,000 counts

Specifications



Input configuration Series connection to 4–20mA DC current loop (Minimum input 3.5mA, maximum continuous output 100mA)

Input impedance Approximately 200Ω. 3.4V drop, plus 20Ω (3.9V at 20mA)

Powered by 4–20mA current loop input signal

Display 1 x 5 digit (13mm), alphanumeric LCD. 3 buttons

Includes a 6'th display digit As a descriptor - choose °C, °F or dummy zero

Casing Short depth panel mount case, 48H x 96W x 19D (mm). Allow 10–15mm behind unit for connector and wiring. Panel cutout 92x45mm

Full scale range Adjustable to any display span between -19.999 and 30,000

Resolution 50,000 counts max (from any input span between 3.5 and 27.5mA)

A/D converter 16 bit sigma delta

Accuracy ±0.02% of reading (plus 2 digits)

Temperature coefficient 30ppm/°C typical (plus 0.1 counts/°C for zero offset)

Conversion rate 3 readings/second

Decimal point User programmable to 6 positions

Over/under range Display shows - - - - - (over) or _ _ _ _ _ (under)

Order code: SD-50X