2-Wire Loop Powered Display

TX03

TX03 shown actual size.

- ✔ **4 to 20 mA, 2-Wire Output**
- ✔ **High Accuracy and Stability**
- ✔ **Range -1.9.9.9.9 to 9.9.9.9.9**
- ✔ **LCD Can Work at 3 mA; Dropout Voltage ≤3.1V**
- ✔ **3 Display Mode: PV, Percentage and Current**
- ✔ **16 Bit ADC MCU Inside**
- ✔ **34 Optional Units**
- ✔ **Values Can Be Displayed as Pressure, Temperature, pH and Others**
- ✔ **LCD Backlight Display is Visible in Dark Environment**
- ✔ **Install LCD Display**
- ✔ **Set ZERO Value 0ºC (32ºF) Via Buttons**
- ✔ **Set SPAN Value 100ºC (212ºF) Via Buttons**
- ✔ **Set Switches Output Via Buttons if Required**

The TX03 2-wire loop powered display is fit for all of pressure, differential pressure, flow, PH, temperature, acceleration and more. The LCD backlight display can be visible in dark environments. LCD schedule shows the value measured in real time, and it will flash to alarm. The three button feature allows the user to program the zero, span, unit, decimal digits, damping and alarm point. Instead of the potentiometer, no additional power supply is required.

Specifications
Technical Data Display
Type: Visible range 32.5 x 22.5 mm (1.3 x 0.9"); 5-digit, 7 segment main display, digit height 8 mm (0.3"), 8-digit 14-segment add display, digit height 5 mm (0.2"); 52 bars meter with 2% resolution

Range: -1.9.9.9.9. to 9.9.9.9.9.

Accuracy: 0.1% ±1 digit

Digital Damping: 0 to 100 s (step 0.1 s)

Units: mA, us, ms, s, pH, psi, MPa, bar, KPa, mbar, Pa, %

Supply
Supply: Not required, 4 to 20 mA loop powered

Voltage Drop: ≤3.5V, LCD can work on 3 mA

Electrical Protection
Short-Circuit Protection: Permanent
Reverse Polarity Protection: Max current approx 200 mA

Ambient Temperatures
Operating: -20 to 70ºC (-4 to 158ºF)
Storage: -30 to 85ºC (-22 to 185ºF)
Display Housing: ABS
Weight: Approx 28 g (0.99 oz)
Ingress Protection: IP65 (when mounted)
Color of Housing: Black
Dimensions: 54 H x 8.3 mm D (2.13 x 0.32")

TX03, shown with STCTX-K1 thermocouple connector/ transmitter and OSTW-CC-K-M Type K connector, visit us online for details.

To Order

Model No.	Input Range
TX03	Loop powered display

Comes complete with a operator's manual.
Ordering Example: TX03, *loop powered display.*