

A versatile process controller for a variety of applications where instant, visual indication of the process variable is required.

- › **Versatile instrument**
Current (0/4–20mA) or voltage (0–2/10V) input signal, for a wide variety of process applications
- › **0–100% bar graph display**
Ideal for level measurement or rate movement indication
- › **Easy to scale** Using low and high display values
- › **Up to 4 setpoints**
- › **Optional 4–20mA or 0–10V analog output**
- › **Optional RS232/RS485 serial port**



Specifications



Input signal Current (0/4–20mA) or voltage (0–2/10V)

Power supply HV (85–265V AC / 95–370V DC) or LV (15–48V AC / 10–72V DC)

Display 1 x 5 digit (8mm), 7 segment alphanumeric LED. 3 buttons, 6 setpoint indicator LEDs. 0–100% bar graph

Panel mount case 96H x 48W x 120D (mm)

Relay outputs (Optional) 2 or 4 x 5A form A (3A 240V AC max or 3A 30V DC max). Enables LED annunciators for alarms and relay status indication

Analog output (Optional) 1 x isolated 16 bit 4–20mA/0–10V. Window programmable over any range within the full scale range of the controller

Serial port (Optional) Isolated RS232 (RJ11) or RS485 (screw terminal). Custom ASCII / Modbus RTU slave / Ranger A

Excitation 24V DC (50mA max)

Sampling rate 10Hz

Resolution 16 bit

Accuracy 0.05% of reading

Temperature drift 50ppm/°C typical

Factory calibrated for all input ranges. Input set up for 4–20mA by default (simple header adjustment necessary for voltage input)

Security Input and setpoint setups are independently accessible and PIN protected

Order code: TEX-BAR

-HV 85–265V AC / 95–370V DC

-LV 15–48V AC / 10–72V DC

Options

-R2 2 x relay outputs

-R4 4 x relay outputs

-A 1 x mA/V analog output

-S2R 1 x RS232 serial (RJ11)

-S4S 1 x RS485 serial (screw terminal)

E.g. Order TEX-BAR-LV, TEX-BAR-HV-R4-A-S2R