

Designed for wet/dry bulb relative humidity applications - features dual 4–20mA analog output + dual display for temperature and R.H.

- › **Designed for wet & dry bulb applications**
Dual 3 wire RTD input (385/392, Pt100)
- › **Dual display** For simultaneous viewing of humidity and temperature
- › **Easy to use**
Intuitive interface with scrolling text prompts
- › **Factory calibrated for 385 RTD**
With simple recalibration using high and low input signals



- › **2 x isolated 4–20mA analog outputs**
For humidity and temperature
- › **Up to 4 setpoints**
- › **Optional RS232/RS485 serial port**

Specifications

Sensor input 1 x wet bulb, 1 x dry bulb. Dual 3 wire RTD (385/392), Pt100

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

Display 2 x 6 digit (10mm), 14 segment alphanumeric LED. 5 buttons, 6 setpoint indicator LEDs

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

Analog output included 2 x isolated 16 bit 4–20mA (humidity and temperature)

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

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

Excitation 24V DC (50mA max)

Sampling rate 2.5Hz

Resolution 0.025% full scale, 16 bit

Accuracy 0.05% of reading

Temperature drift 50ppm/°C typical

Temperature units °C or °F

Calibrated for 385 RTD, 0–100°C. Simple recalibration (if needed) using high and low display values

Security Input and setpoint setups are independently accessible and PIN protected

Order code: TEX-DEW200

-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

-S2R 1 x RS232 serial (RJ11)

-S4S 1 x RS485 serial (screw terminal)

E.g. Order TEX-DEW200-LV, TEX-DEW200-HV-R4-S2R

