Two-Channel Electronic Paperless Recorders

Save money while getting accurate readings

- Choose your view—dual trend, dual digital, digital inverted, or split screen
- No difficult setup with user-friendly database

This electronic digital paperless recorder offers two universally configurable isolated inputs plus four internal alarm set points, two alarm relay outputs, and one digital control input. A maximum sample storage rate of 100 samples per second can be set for both channels allowing you to capture short process signal anomalies.

USB communication model (80816-02) provides access to data stored on CompactFlash cards or the ability to collect real-time data via USB port and included cable. Select the Ethernet communication model (80816-04) to network access to data card files utilizing 10/100BaseT Ethernet via the RJ45 connector mounted on the back of the recorder.

The optional Navigator software (80816-06) makes reviewing, printing, and exporting your data simple.

What’s included: Navigator Lite software demo, power supply (100 to 240 VAC, 50/60 Hz), and a 6-ft (1.8-m) power cord.

Specifications

| Input range | DC voltage: 0 to 250 mV, 0 to 1.25 V, 0 to 2.5 V, 0 to 5 V, 0 to 12.5 V, 0 to 25 V DC current: 0 to 20 mA, 4 to 20 mA, 0 to 50 mA | Input impedance: >100 kΩ |
| Recording rates: selectable from 100 per second to 10 minutes | Measurement rates: up to 100 samples/sec per channel | Virtual chart speed: 0.75 in./sec to 1.0 in./10 hr |
| Storage media/capacity: CompactFlash card, 64 megabyte to 2 gigabyte | Power: 100 to 240 VAC (selectable), 50/60 Hz | Number of inputs Outputs Catalog number Price |
| 2 universal (user-selectable) | USB 2.0 port | GH-80816-00 | GH-80816-02 | GH-80816-04 |

Can’t choose?

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Jeevan, 25+ years of experience

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Dickson 8” Temperature/Humidity Recorders

View temperature and humidity/dew point simultaneously

- Selectable units and scales—choose chart paper based on your needs
- No inadvertent changes with lock-out dip switch

Model 81001-51 features a large digital display. Model 80001-53 features a large digital display, audible/visual high/low alarms, and sensor probe with 10-ft cable. All models have a green “power on” light.

What’s included: red, blue pens, 120 VAC adapter, probe with 10-ft (3.0-m) cable (model 80001-53), and one 9 V battery (backup power).

Specifications

| Temperature accuracy: ±1.8°F (±1°C) | Dew point accuracy: 10 to 95% RH, ±7.2°F (±4°C) |
| Humidity range: 0 to 100% (noncondensing) | Power: 120 VAC, 50/60 Hz |
| Humidity accuracy: ±2% from 0 to 60%, ±3% from 0% to 95% | Dimensions (W x H x D): 13⅞” x 10⅛” x 2⅛” (35.1 x 26.1 x 5.7 cm) |
| Dew point range: -22 to 122°F (−30 to 50°C) |

Number of inputs Outputs Catalog number Price

| 2 universal (user-selectable) | USB 2.0 port | GH-80816-00 | GH-80816-02 |
| 10/100BaseT Ethernet | GH-80816-04 |

Accessories

GH-80816-06 Navigator software, Windows® based
GH-80816-12 Precision resistor for current inputs, 250 Ω
GH-80816-14 Splashproof cover, NEMA 4/IP65 rated

GH-08498-50 Replacement pen, red
GH-08498-51 Replacement pen, blue
GH-09376-04 Replacement batteries, 9 V. Pack of 4
GH-17030-26 NIST-traceable calibration with data for temperature/humidity recorders