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TECHNOLOGY GROUP

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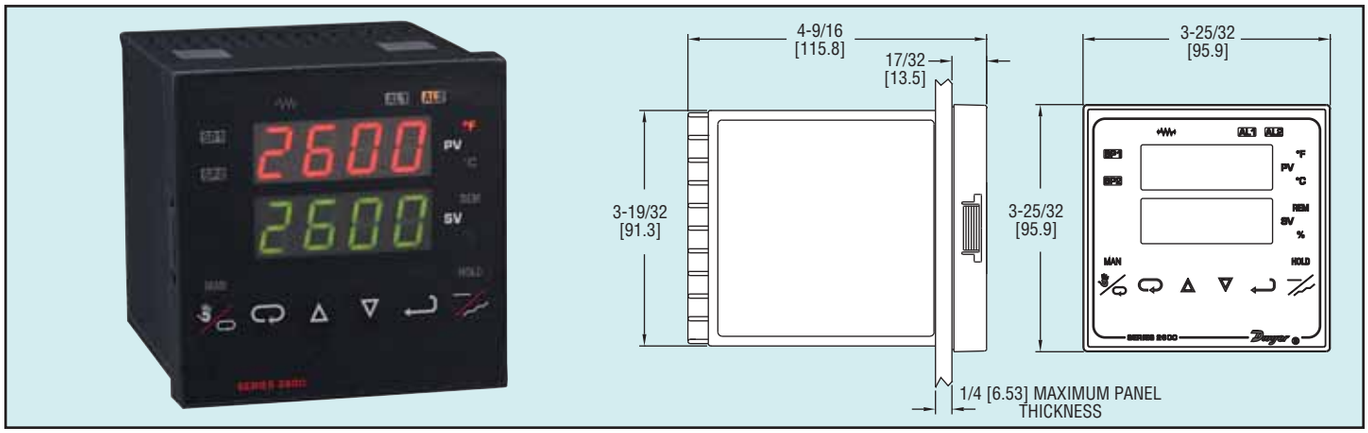
Find the *Dwyer Instruments / Love Controls 26133-926-934* at our website: *Click HERE*

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Series 2600

Temperature/Process Controller

1/4 DIN Self-Tune PID, Fuzzy Logic Software



Series 2600 Temperature/Process Controllers set a new standard for quality, versatility, ease-of-use and value. While they include a high level of standard features, many function setup items appear in the control menu only when the function is selected, so you don't have to wade through unnecessary items. Units feature a universal input for thermocouple types J, K, E, T, L, N, B, C, S & R; RTDs 100Ω Plt. NIST, 100Ω Plt. DIN, 120Ω Ni Industrial, 1000Ω Plt. DIN; differential input (-10 to +10 mV DC) and process input (0 to 20 mA DC, 0 to 10 VDC). A standard 24 Volt isolated, regulated power supply is included to operate most standard 4-20 mA transmitters.

Standard features include Self-Tune, Fuzzy Logic, fully adjustable PID, Auto/Manual control with bumpless transfer and front panel activation key, percent output indication, peak and valley indication, loop break protection and indication. For process inputs, the display is fully programmable from -1999 to +9999 with selectable decimal point location. Most thermocouple and RTD inputs can show whole or tenth degree displays. The Series 2600 is available with single or dual setpoint outputs and can be programmed for on-off, PID or heat/cool or latching alarm. All outputs are isolated from the inputs. Outputs include 10 Amp relay, and 0-20 mA DC (scalable).

Model	Alarm	Output A	Output B
26130	Yes	Relay	None
26150	Yes	Current	None
26133	Yes	Relay	Relay

OPTIONS (Add to end of model number)

-924, Remote Set Point 0 to 10 VDC
-926, Remote Set Point 0 to 20 mA
-928, Remote Set Point 0 to 10 K Ohms
-934, Process Signal Output, Non-Isolated 0 to 20 mADC
-936, Process Signal Output, Non-Isolated 0 to 10 VDC
-992, RS-XXX Serial Communications Love Link™ Protocol
-993, RS-XXX Serial Communications Love Link™ Protocol
-995, RS-XXX Serial Communications Modbus® RTV Protocol
-996, RS-XXX Serial Communications Modbus® RTV Protocol

MORE STANDARD FEATURES

- NEMA 4X (IP65) front panel resists dust and moisture
- Four password protected security levels
- Front panel programmability
- 16 segments of ramp/soak with program end control
- Operates on 100-240 VAC, 132-240 VDC

SPECIFICATIONS

Selectable Inputs: Thermocouple, RTD, DC voltage or DC current.
Input Impedance:
Thermocouple: 3 Megohms minimum;
Voltage: 5000 ohms;
Current: 10 ohms;
RTD current: 200 µA maximum.
Display: Two 4 digit, 7 segment, 0.56˝ (14.2 mm) high LED.
Accuracy: ±0.25% of span, ±1 least significant digit.
Supply Voltage: 100 to 240 VAC nominal, +10%-15%, 50 to 400 Hz, single phase; 132 to 240 VDC +10% -20%.
Operating Temperature: 14 to 131°F (-10 to 55°C).
Control Output Ratings: Relay: SPDT,10A @ 240 VAC resistive, 1/2 hp @ 120 VAC, 1/3 hp @ 240 VAC; Alarm relay: SPST, 3A @ 240 VAC resistive; Proportional current: 0-20 mA DC, scalable into 600 ohms maximum.
Weight: 13 oz (369 g).
Front Panel Rating: NEMA 4X (IP66).

ACCESSORIES

MN-1, Mini-Node™ USB/RS-485 converter
LoveLinks III, Configuration software
A-600, R/C snubber

Modbus® is a registered trademark of Schnieder Automation, Inc.

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