

RT360 | Rotary Temperature Transmitter

*TempTrak® All-Digital Technology
For Precise Godet Temperature Control*

The RT360 Series Transmitter is a versatile multi-channel temperature measurement system designed to operate with a variety of machine configurations and control systems. The RT360 offers a selection of output signals including frequency (for Dienes process controllers); voltage; 4-20 mA current (for use with standard process control systems), and digital data stream. Generous 5 mm clearance between the rotating and stationary parts eliminate rubbing or impacting – a common failure cause in other designs. Digital circuitry in the rotating transmitter and the stationary receiver are immune to electrical noise and drift. Error detection modes protect heater from damage and expedite troubleshooting in the event of a sensor or other failure. Multiple mechanical configurations are available to fit most machines.

- Fits Rieter (SwissTex) rolls using Dienes controllers
- Frequency, voltage, 4-20mA, and digital data signals available
- Multi-channel design – up to eight sensor inputs
- Multiple mechanical configurations available



FEATURES

Accurate ■ Within $\pm 0.1\%$ (0.3°C) across entire sensing range.

Robust ■ Fully encapsulated electronics with generous clearance between rotor and stator.

Reiter-Dienes Compatible ■ A true drop-in replacement that fits existing shaft, works with existing wiring and process control systems.

Versatile ■ Selection of output signals including frequency, 4-20 mA current, voltage or digital data stream.

Flexible ■ Multiple mechanical configurations available.

Digital Circuitry ■ Maintains calibration and is immune to electrical noise and drift.

Multiplexed Channels ■ One to eight channel systems available for one to eight RTD sensors.

Intelligent ■ Protects heater if sensor or transmitter malfunctions.

Product Support ■ Backed by BEI's reputation for the strongest customer support in the industry including a **two-year warranty**.

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